





STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS

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PUBLICATIONS OF THE  
DIVISION OF WATER RESOURCES

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BULLETIN No. 37

FINANCIAL AND GENERAL DATA

PERTAINING TO

IRRIGATION, RECLAMATION AND  
OTHER PUBLIC DISTRICTS  
IN CALIFORNIA

PREPARED UNDER THE DIRECTION OF

CALIFORNIA IRRIGATION AND RECLAMATION  
FINANCING AND REFINANCING COMMISSION

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1930





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**CHAPTER 520, STATUTES OF 1929**

*An act authorizing and providing for report upon the methods of financing and refinancing irrigation, reclamation and other public improvement districts in agricultural regions, providing for a commission therefor, and defining the duties and powers of such commission in respect thereto, and making an appropriation therefor and prescribing penalties for violations of the act.*

[Approved by the Governor May 27, 1929; in effect August 14, 1929.]

*The people of the State of California do enact as follows:*

SECTION 1. The sum of ten thousand dollars or so much thereof as may be necessary, is hereby appropriated out of any money in the state treasury, not otherwise appropriated, to be used at the direction of the Governor for the purpose of reporting upon better methods of financing and refinancing irrigation, reclamation and other public improvement districts in agricultural regions as hereinafter set forth.

SEC. 2. The Governor may direct any state officer or officers or appoint any persons to constitute a commission to make the report authorized by this act. Said commission shall consist of not less than three nor more than seven members and shall be known as the California Irrigation and Reclamation Financing and Refinancing Commission. The Governor may designate the chairman of said commission and may authorize the employment of any expert or other assistants as may be necessary, to report upon the entire subject of the methods of financing and refinancing irrigation, reclamation and other improvement districts in agricultural regions and the history and present status of such districts and each of them in the State of California, and to make recommendations for amendments or improvements in the laws and methods of handling and financing and refinancing of such districts. The findings and conclusions of such report and recommendations as to necessary changes in the existing laws of this state shall be reported to the Governor, on or before December 1, 1930, for recommendation to the Legislature at its session in January, 1931.

SEC. 3. The commission provided for in this act is hereby authorized and empowered, at the direction of the Governor:

1. To do any and all things necessary to make a full investigation in accordance with the provisions of this act.

2. To require the attendance of persons or the production of papers before them, or any one thereof, and to take testimony under oath and administer oaths in the same manner as may be done by any court in this state.

3. To require reports from the officials of all irrigation, reclamation or other public improvement districts in agricultural regions of this State and to examine the records and papers of any such official as to any matter concerning the financing of any such districts.

SEC. 4. It is hereby made the duty of any officer referred to in subdivision three of section 3 of this act, to promptly make report when requested to do so, and any such officer who shall fail or refuse to make such report promptly shall be guilty of a misdemeanor.

SEC. 5. All members of the commission shall receive their actual and necessary expenses incurred in the performance of the duties of such commission.

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## CHAPTER 55, STATUTES OF 1931

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*An act making an appropriation to pay the cost of preparation and printing of a complete report of data upon the methods of financing and refinancing irrigation, reclamation, and other improvement districts in agricultural regions secured pursuant to the provisions of chapter 520, statutes of 1929, declaring the urgency thereof and providing that this act shall take effect immediately.*

*The people of the State of California do enact as follows:*

SECTION 1. The sum of ten thousand dollars (\$10,000) is hereby appropriated out of any money in the state treasury, not otherwise appropriated, to be expended upon authorization of the secretary of the commission appointed under the provisions of chapter 520, statutes of 1929, for the preparation and printing of a complete report of the data upon the methods of financing and refinancing of irrigation, reclamation, and other improvement districts in agricultural regions secured pursuant to the aforementioned act.

SEC. 2. Any unexpended balance remaining from the appropriation on July 1, 1931, shall revert to and become a part of the general fund of the state.

SEC. 3. Inasmuch as this act provides an appropriation for the usual current expenses of the state it is hereby declared an urgency measure and shall, under the provisions of section 1 of article four of the constitution, take effect immediately.

## FOREWORD

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The California Irrigation and Reclamation Financing and Refinancing Commission, as constituted under its act of authorization, was directed by the terms thereof "to report upon the entire subject of the methods of financing and refinancing irrigation, reclamation and other improvement districts in agricultural regions and the history and present status of such districts and each of them in the State of California and to make recommendations for amendments or improvements in the laws and methods of handling and financing and refinancing such districts."

Shortly after its appointment the Commission selected a consultant to assemble basic data and thereafter held a series of meetings at various points throughout the State and when the investigations and research had reached a stage where definite and authentic data were available many conferences were held at which the facts were analyzed and courses of action discussed.

On December 1, 1930, the Commission forwarded to the Governor a report on the financial status of irrigation, reclamation and other agricultural districts, together with conclusions and recommendations for legislation.

It was not possible within the limitations of time and funds to assemble all data in form for printing and accordingly "Conclusions and Recommendations of the Report of the California Irrigation and Reclamation Financing and Refinancing Commission" was printed and published, which publication is available upon application to the State Engineer. Recommendation was therein made that funds be made available for completion and publication of the basic data upon which the Commission predicated its findings, resulting in legislative action as embodied in Chapter 55, Statutes of 1931, pursuant to the terms of which this report has been prepared.



## INTRODUCTION

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Although contained in the previously printed report of the Commission, it seems advisable, by way of introduction, to review certain of the general statements made therein that the situation warranting this investigation may be understood.

California district securities now and for several years past have steadily depreciated in market value, selling upon a basis that seriously affects the credit standing of the district and the borrowing power of the individual landowner within its boundaries. During the next five years, these district securities mature at a rapidly increasing rate and the large assessments which must be levied to meet these maturities will consequently impose an additional burden upon the lands of many districts now taxed to the limit of their ability to pay.

The investing public will not discriminate between weak and strong districts, their lack of confidence extending to all securities of this type. Their faith is so shaken that the ability of even sound districts to finance through the sale of bonds under present conditions is seriously impaired.

Of equally serious import is the attitude of capital toward farm loans within reclamation and irrigation districts. It regards the fact that district bonds selling at a heavy discount is a reflection upon the soundness of the individual loan. This unfavorable condition is being reflected in the obligations of cities, towns, school districts, road districts, etc., existing within the boundaries of these districts.

Thus the data contained in this report was assembled primarily to serve as a basis for the determination of the causes responsible for the situation just cited and in the hope that constructive legislative recommendations would result in the accomplishment of the following general aims:

- (1) Prevention as far as possible of unwarranted depreciation in the credit standing of irrigation and reclamation district securities;
- (2) Establishment of the confidence of the investing public in these securities; and
- (3) The strengthening of the individual borrowing power of the landowners within such districts.

The general historical data and individual district information contained in this report have been prepared in three parts:

Part One —Irrigation Districts,

Part Two —Reclamation Districts, and

Part Three—Other Agricultural Improvement Districts overlapping or impinging upon major districts.

In view of the completeness of detail contained in Bulletin No. 21, Part One of this report treats but briefly of the historical features of the irrigation districts in California. It contains a detailed discussion of the causes leading to default, financial treatment of each active district and tabular summaries of statistical and financial data relating thereto.

Owing to the general lack of knowledge of the reclamation movement in California, this subject is discussed rather fully in Part Two. Beginning with the Arkansas Act of 1850, the changes and amendments to the State reclamation district laws are shown chronologically and traced to date. All districts organized are accounted for, the ultimate disposition of the old swamp land district fund is set forth, and an explanation of the numerical designation of all reclamation districts is given. Part Two also contains the 1930 financial status of 182 active California reclamation districts, a discussion of the causes leading to default, and tabular summaries of statistical and financial data relating to these districts.

Part Three contains a general statement in regard to "other public improvement districts in agricultural regions" of the State. The Commission's survey did not indicate the general imposition of liens in large amounts upon the lands of districts in this class, therefore the individual district information contained therein has been confined to such districts as overlap or impinge upon the major districts under discussion.

## SUMMARY AND DISCUSSION

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The facts as set forth in the historical and statistical data, the points as developed by testimony of bondholders, landowners, bankers, district officials and others at the numerous formal and informal hearings held by the California Irrigation and Reclamation Financing and Refinancing Commission and the results of analyses of district statutes are herewith summarized and discussed in order that a conclusion may be reached as to the efficacy of legislation recently enacted.

### SUMMARY

#### HISTORY AND STATISTICS

##### Early Problems.

The history of the districts organized under the original Wright Act (1887-1895) indicates the formation of many highly speculative projects and the purchase of their securities without proper analysis of economic soundness. "Excessive optimism of the period of greatest activity under the law, followed by the industrial panic of 1893, during which feasible projects in some cases met the same fate as those that were not feasible" is quoted from Bulletin No. 2 in connection with the failures of that period, and again in Bulletin No. 21, in commenting upon the districts of some 30 years later, we find: "Then came the great war time demand for more food, followed by general \* \* \* optimism \* \* \* and under these abnormal conditions \* \* \* communities turned to irrigation development \* \* \* was it other than natural that some of these enterprises were unable to withstand the stress of the deflation period which followed." The comments are strikingly similar.

The lessons learned from the mistakes of the former period resulted in the passage of a law in 1911 creating a State commission for the investigation and certification of irrigation district bonds. This law was passed solely for the purpose of overcoming the then stagnant market for these securities and it actually accomplished its purpose.

The financial history of the early California reclamation districts differed quite materially from that of the early irrigation districts. It is undoubtedly true, however, that the popularity of the irrigation district bond after creation of the Bond Commission proved a decided stimulus to the salability of the reclamation district bond.

##### Centralized Supervision.

The present Bond Commission is composed of the Superintendent of Banks, Attorney General and State Engineer, three extremely busy State officials intrusted with the performance of a multitude of other State functions and duties requiring their individual and constant attention. Further, the finances and personnel provided are inadequate

for the commission to function in full and proper accord with its important duties. In spite of these handicaps the result of the exercise of this partial State control has been most beneficial. The entire elimination of failure was not to be expected, but the supervision exercised has prevented the promotion of irrigation districts doomed to failure at inception and has aided many organized districts through investigation and advice.

During the period 1861-1866, centralized control and preorganization feasibility investigation under the Board of Swamp Land Commissioners resulted generally in sound reclamation organization. Decentralization of this control in 1866 led to the organization of hundreds of unsound projects which fortunately were abandoned without resort to the sale of securities to the public.

#### Defaults.

General agricultural depression, lack of normal rainfall, overly optimistic appraisals, sale of bonds at heavy discounts, erroneous economic analyses and mistakes in judgment by proponents, investment bankers and certification bodies may be advanced as the general reasons for such defaults as have occurred. Mistakes in the premises are not uncommon in the forecast of economic problems and, indeed, had agricultural prosperity and normal rainfall continued, the present situation would not be acute. Thus the main reasons for default are not to be found in the statutes, but rather in the failure to forecast the progressive impairment of the security behind such issues due to changed economic and climatic conditions.

#### Reorganizations.

Financial reorganizations under existing conditions have in the main proven costly, long drawn out and not entirely satisfactory after consummation. Refusal of a minority few holders of securities to participate in readjustment and demanding settlement in full, reorganization committees composed of the same personnel marketing the original issue, lack of understanding and cooperation between landowner and creditor—are some of the reasons which may be advanced for delay, expense and general unsatisfactory adjustment.

#### Future Refinancing.

Refinancing is imperative and imminent in many situations, as a perusal of the amortization tables will show.

### REACTIONS

#### The Security Holder.

Lack of confidence in irrigation and reclamation district securities on the part of the investing public is almost invariably traceable to the following factors:

1. In case of default the laws provide no practical recourse or remedy;
2. Accurate district information is most difficult to obtain; and
3. Certification has not always carried the assurance of economic soundness.

Many certified irrigation district bonds were purchased under the misconception of actual State guarantee. To be sure, reclamation district bonds had not been certified by a State bond commission but usually had approval of the Superintendent of Banks as legal investment for savings accounts, trust funds, etc., which was undoubtedly construed to imply reasonable assurance of economic soundness.

#### The Landowner.

The desire to profit by such advantage as may be taken of the present situation under the law is not the representative attitude of the landowner, but exists to such an extent as to require consideration.

- (1) He reasons that if securities may be purchased at 40, and then used to cancel indebtedness at par, why should an attempt be made to strengthen the market.
- (2) Certain lands actually, or at least in the mind of the owner, incapable of operation at a profit after payment of annual assessments, are allowed to become delinquent, yet are farmed during the entire redemption period without revenue to the district.
- (3) Further, those sections of the law fixing penalties he feels were enacted at the instigation of the banking "fraternity," and his is not the fault if the machinery so devised has proven unwieldy.

This attitude naturally leads to distrust and lack of cooperation between debtor and creditor.

#### The Banker.

His experience with defaults, combined with an inability to ascertain the facts, has led the banker to condemn as a class all these securities. This attitude is reflected in his reluctance to extend credit to the individual owner within these districts.

### THE STATUTES

Differences of opinion exist as to the propriety of certain sections of the irrigation and reclamation district laws, such as voting rights of absentee owners in irrigation districts, redemption periods, etc., but in fundamentals and general application the laws are undoubtedly sound and few changes are either necessary or advisable.

### DISCUSSION

#### GENERAL

The amount of irrigation and reclamation district securities outstanding, their loss of credit, actual defaults, and the approaching necessity for refunding or refinancing, make solution or alleviation of existing district difficulties the major problem. Rectification of these difficulties in the case of future bond issues can undoubtedly be accomplished through legislation supported by adequate appropriation.

The main reasons for the apparent discrimination against these securities though previously noted are here repeated:

In case of default, reorganizations have proven costly long drawn out affairs and not satisfactory at consummation.

The bondholder and banker have usually been unable to ascertain the facts regarding these districts in a manner consistent with sound investment and banking principles.

The matter of certification or approval has not entirely eliminated failure.

Although frequent differences exist between debtor and creditor, nevertheless the interests of the two are identical and are only served by complete cooperation on the part of both. Thus the landowner farming the land to the utmost of its productivity is the bondholder's greatest asset, whereas reasonable credit on the part of capital to the landowner is essential to his success.

Analysis has shown the statutes to be fundamentally sound and the difficulties which have developed are traceable more to their application and the lack of effective execution than to inherent weakness.

Certainly the State is vitally interested in the credit standing of its subdivisions and its districts and can not without loss to itself stand by and see settlers dispossessed of their lands and creditors sustain losses largely because there is now lacking the adequately manned and financed machinery to bring about an adjustment of the interests of debtor and creditor.

Obviously the impaired values behind these securities can not be raised to par by legislation, but the security holder should have the same right of salvage as has the stockholder in a corporation, and practical legislation should be enacted to that end.

#### BASIS OF NEW LEGISLATION

Precedent undeniably indicates the benefits derived from the exercise of partial State control.

Analysis of all the facts leads to the conclusion that the inherent defects could be corrected through the operation of a properly constituted agency or agencies vested with broad powers in matters pertaining to examination prior to organization, supervision of major expenditures, periodical uniform accounting and reorganization prior to and after default.

Aside from matters of policy, the medium through which this centralized control is effected is of little consequence. It may be equally well accomplished through:

- (1) The existing Bond Certification Commission with added powers and jurisdiction over reclamation districts, or by
- (2) A new commission with jurisdiction over both irrigation and reclamation districts, or by
- (3) A new commission with jurisdiction solely over irrigation districts and the existing Reclamation Board vested with additional powers to exercise proper supervision over all reclamation districts.

The detail and method of application of these proposed powers should provide all the safeguards which experience has shown to be necessary for the protection of the investor and the landowner.

Mr. Adams in his concluding comments in Bulletin No. 21 very ably discusses the physical factors essential to irrigation district success and issues sound warnings regarding those mistakes to be avoided. These principles pertain equally to the success or failure of reclamation districts. Feasibility reports prior to organization or the issuance or approval of bonds should with adherence to these principles carry as far as humanly possible the assurance of economic soundness.

Investigation and supervision of expenditures from the proceeds of bonds is an exceedingly important function. Several reclamation district defaults may be traced primarily to the lack of such supervision.

Periodical accounting is a matter of standardization as to time and form of rendition.

Anticipation of default and the prevention thereof by readjustment of finances are essential. Predicated upon a thorough investigation of the finances, earning power and physical properties of the district, a determination of the annual tax which the district can reasonably pay can be made. In rare cases reduction in capital debt may be necessary, but in most instances the refunding issue should be in the same principal amount as the outstanding bonds, possibly carrying a graduated scale of interest for successive years up to the full rate called for by the existing bonds. The State agency should be authorized to make such determination of the district's ability to pay and to act as or designate the depository for the bonds in either refunding or exchange.

In case of actual default virtual receivership powers should be delegated as far as legally possible.

#### NEW LEGISLATION

Many constructive amendments to the California Irrigation District Act and the Political Code relating to reclamation district laws were passed by the recent Legislature (now adjourned), some of which have not as yet (May, 1931) been approved by the Governor.

Partial redemption of delinquent assessments, creation of a depreciation fund, extension of final bond maturities to 50 years with callable and sinking fund or serial provisions, clarification and simplification of assessments and separation of the bond fund into a principal and interest fund, are among the more important features provided for by the new amendments to the California Irrigation District Act.

Important changes in the Political Code relating to reclamation districts are contained in amendments thereto which provide for the leasing of lands to which the district or the County Treasurer as trustee has taken title after sale for delinquencies and prescribing the uses to which the proceeds shall be put; for a reduction in penalty from 20% to 10% in case of delinquency in payment of assessments for bond interest or principal; for the stoppage of interest under certain conditions on warrants when funds are available for payment; for the establishment of parity of liens for all assessment agencies of the State; for confirmation and validation of the formation, organization and existence of reclamation districts and the bond issues thereof.

Of primary importance, however, was the passage of two measures, i. e., the creation of the California Securities Commission and an amendment to the Political Code, section 3480c.

**California District Securities Commission.**

The act of creation provides for the assumption of all duties formerly vested in the California Bond Certification Commission by a commission of five members, i. e., Attorney General, Superintendent of Banks, State Engineer and two appointive members. It also provides for the method of certification of irrigation district bonds and for the supervision of the expenditures made from the proceeds of the sale thereof; for the form and rendition of annual reports and the filing thereof with the commission; that whenever any irrigation district has been in default in the payment of any of its bonds or any interest thereon for a period of one year, any holder of bonds of the district may request the commission to declare the district insolvent; that after an examination of the affairs of the district, if in the judgment of the commission it would be for the best interests of the district and the holders of bonds thereof that insolvency be declared, the commission shall file a petition in the Superior Court in the county in which the office of the district is located, praying that the district be declared insolvent and that after proper hearing, if the petition be granted, the district shall thereafter be under the control and direction of the commission.

It further provides that the commission may act as the depository for bonds and have the power to negotiate with owners or holders of outstanding bonds, or other creditors, for the purpose of compromise or adjustment; for the levy of assessments and establishment of a system of tolls and charges for the use of water and the application of such funds for the operation and maintenance of the works of the district and designates the amounts to be applied to the payment of bond principal and interest; for the issuance of refunding bonds in amounts not exceeding, however, the amount outstanding and for such term or terms not exceeding 50 years, that levies made shall be only in such amount as in the judgment of the commission it will be possible for the landowner to pay; and that the commission may upon request of the district negotiate with the holders of bonds or other creditors for compromise or adjustment either prior or subsequent to default.

**Amendment Section 3480c.**

This act provides for the formulation and carrying out of plans for the reorganization, refunding and adjusting of the finances and obligations of reclamation districts under the supervision of the existing State Reclamation Board. Whenever any reclamation district shall have been in default for more than one year, reorganization proceedings may be initiated by a bondholder, a warrant holder, the Reclamation Board or the board of trustees of a district. It provides for public hearings, the examination of the financial affairs of districts and under certain conditions the assumption of administrative duties in district affairs by the Reclamation Board or an appointee thereof.

It specifies that reorganization plans shall at least provide:

- (1) For the issuance of refunding bonds which must mature within 50 years;

- (2) For refunding bond interest rates which may vary from time to time, or may be omitted for a time, but which shall not exceed 6% per annum;
- (3) For the deposit of bonds with such depository as may be designated by the Reclamation Board and the period within which deposit shall take place;
- (4) For extension of time for deposit of bonds but not to exceed two years after date of election authorizing refunding bonds;
- (5) For application of moneys on hand;
- (6) For amount of refunding bonds to be issued and other matters necessary to the success of plan.

It further provides that after the adoption of a plan it shall be submitted to the electorate of the district and if adopted by a majority vote the Reclamation Board shall proceed to execute the plan; for the sale of lands deeded under sales for delinquency and designates the purpose for which the proceeds shall be used; for the use of moneys in the various funds and finally provides that upon rejection of any plan by a majority of the district electorate successive plans may be adopted by the Reclamation Board and submitted until approval of some plan has been obtained.

#### Comment.

The most important irrigation district legislation since enactment of the California Irrigation District Act was passed by the 1931 Legislature.

The passage of amendment section 3480e is of great importance and establishes some control over the affairs of reclamation districts which have had no semblance of supervision exercised over their internal concerns since 1866. It provides the all important means for the adjustment of the affairs of debtor and creditor. The possibility of new reclamation district organization to any great extent is most remote as there is little available unreclaimed land remaining in the agricultural regions of the State. Thus the lack of provision for pre-organization investigation is of minor importance. Annual accounting, certification of bonds and supervision of expenditures from the proceeds of the sale thereof are not provided for and it is possible that these matters may be the subject of future legislation.

A decided forward step in legislation has been accomplished and dependent upon broad interpretation of the provisions and intelligent and aggressive operation of the agencies created, prompt adjustment of the affairs of defaulting districts and the initiation of sane refunding programs in the critical situations should result. New district organization should be accomplished only after the most careful and critical scrutiny and there appears no valid reason why these securities as a class should not obtain the sound financial rating to which their importance entitles them. Certainly there is no industry more essential than agriculture. It is more basic in necessity than steel, long considered the barometer of economic conditions.

Whereas depreciation in the market value of these bonds has existed for the past few years, yet at present (May, 1931) they share

deflated values with practically every other type of security held by the public. For instance, we learn that the railroads will probably ask for a general increase in freight rates. In many instances the principal of railway bonds is rapidly becoming due and refunding under present earning capacity can not be accomplished as receipts are not sufficient to make the refunding bonds legal investment. Very much in the same strain as the diagnosis of the ailments of irrigation and reclamation district bonds.

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PART ONE

HISTORY AND PRESENT STATUS  
OF  
IRRIGATION DISTRICTS IN CALIFORNIA

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## HISTORICAL SUMMARY OF LEGISLATIVE ACTION LEADING TO PRESENT GENERAL IRRIGATION DISTRICT LAWS

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### Bulletins and Reports.

To avoid duplication, the reports and bulletins referred to in the introduction, text and bibliography should be consulted in their relation to this report. In this connection, direct reference is made to "The History of Irrigation Districts in California from 1887 to 1915," Bulletin No. 2 of the California State Department of Engineering by Frank Adams, the report of the Division of Engineering and Irrigation entitled "Bulletin No. 21, Irrigation Districts in California," also by Frank Adams, and Bulletin No. 21-A, "Report on Irrigation Districts in California for the year 1929," publication of the Division of Water Resources.

### Utah Irrigation Districts.

An act passed January 20, 1865, providing for the organization of irrigation districts within counties, was enacted by the Legislature of Utah, then a territory. Large areas took advantage of this act to organize but as nothing constructive seems to have been accomplished thereby, its only interest is historical, as being the first irrigation district legislation in the United States.

### "An Act to Promote Irrigation."

The first California irrigation district law was passed in 1872 and was inoperative.

### Special Districts.

The Legislature of California in 1874 passed an act entitled "An Act to Promote Irrigation in the County of Los Angeles"; in 1876 West Side Irrigation District was established, including lands in Contra Costa, Alameda, San Joaquin, Stanislaus, Merced, Fresno and Tulare counties; and later, in 1878, Modesto Irrigation District was created including the general area lying between Stanislaus and Tuolumne rivers and between San Joaquin River and the western boundary of Tuolumne County.

Although this legislation became inoperative, it is of great interest historically, as, quoting Mr. Adams, "it set forth the framework and much of the verbiage of the general irrigation district legislation to follow in 1887," and again from the same authority, "without the passage of those acts and the demonstration of their impracticability those interested in irrigation district development probably would not have been prepared to draft the Wright Act some ten years later."

**The Present Code.**

The Wright Act was passed in 1887 and forms the basis of the present code. It provided the machinery for district organization, acquisition of properties, assessments, issuance of bonds, and in fact sought to confer upon agricultural communities powers of municipalities in the purchase, construction and operation of irrigation works.

The Wright Act was repealed by the Legislature in 1897 and the "Bridgeford Act" or "Wright-Bridgeford Act" was adopted, which in 1917 was officially designated as the "California Irrigation District Act."

The California Irrigation District Act was enacted for the purpose of enabling the holders of title to lands susceptible of irrigation from a common source to organize a district empowered through its directors to secure title to the lands necessary for irrigation works and canals; to acquire the necessary water rights; to construct or acquire the works and canals required for irrigation of lands within the district and for such purposes to issue bonds; to levy assessments annually upon the lands within the district sufficient to raise the interest due on such bonds and to meet the principal payments falling due from time to time; to raise funds required for the maintenance of the district works and activities; to apportion the waters to the lands and to exercise such other powers as may be authorized by law for the furtherance of irrigation within the district. The act prescribes and authorizes the legal machinery necessary for the proper functioning of the district; prescribes the rights of the landowners and of the creditors of the district; and fixes the penalties for failure of landowners to pay assessments as and when they become due.

## DISTRICT ORGANIZATION

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Irrigation was a topic of widespread interest in California during the seventies and eighties, but opposition to community organization from the larger landowners and holders of riparian rights successfully blocked legislation until 1887.

Forty-nine districts were organized during the period 1887-1895, under the Wright Act of 1887. Seven of these districts (Alta, Brown's Valley, Littlerock Creek, Modesto, Turlock, Tulare and Walnut) are still in existence; an eighth, Fallbrook, was reorganized in 1925, embracing substantially the same area as contained in the original district; and approximately 20,000 acres of the area originally included in Orland, Kraft and Orland Southside are now embraced in the Orland Project of the Federal Reclamation Service. The unfortunate history of these districts resulted in few new organizations for ten years thereafter, in fact only six were formed during the period 1895-1914, inclusive.

A marked increase in district organization began in 1915 and under the impetus of the war time demand for increased agricultural production reached its peak in 1920. During this period of optimism, irrigation district development was undoubtedly overdone in California, as elsewhere. A favorable investment market was in effect generally during this period which, combined with the creation of a State commission for the investigation and certification of irrigation district bonds, stimulated the sale of these securities.

Following is a list of the irrigation districts formed in California during the period 1887-1930:

District	County	Date of election or organization	Acreage	Status
Alessandro	Riverside	1891	25,500	Dissolved
Alpaugh	Tulare	Mar. 22, 1915	8,175	Active
Alta	Tulare-Fresno-Kings	Aug. 14, 1888	129,300	Active
Amargoza	Los Angeles	1895	5,000	Dissolved
Anaheim	Orange	1889	33,000	Dissolved
Anderson-Cottonwood	Shasta-Tehama	July 14, 1914	32,113	Active
Baker	Glenn	Mar. 31, 1922	910	Inactive
Banta-Carbona	San Joaquin	Feb. 24, 1921	14,379	Active
Bard	Imperial	Aug. 2, 1927	6,827	Active
Baxter Creek	Lassen	Feb. 8, 1917	9,336	Active
Beaumont	Riverside	Mar. 4, 1919	4,141	Active
Big Rock Creek	Los Angeles	1890	30,000	Dissolved
Big Springs	Siskiyou	June 3, 1927	3,570	Active
Big Valley	Modoc-Lassen	Oct. 12, 1925	12,430	Inactive
Black Rock	Inyo	Jan. 27, 1915	1,870	Inactive
Brentwood	Contra Costa	April 17, 1923	7,904	Consolidated <sup>2</sup>
Brown's Valley	Yuba	Sept. 19, 1888	44,328	Active
Butte Valley	Siskiyou	Dec. 4, 1920	28,686	Active
Byron-Bethany	Contra Costa-San Joaquin-Alameda	Dec. 22, 1919	17,200	Active
Camp Far West	Placer-Yuba	Sept. 10, 1924	4,089	Active
Carmichael	Sacramento	Jan. 25, 1916	3,121	Active
Carpenter	Orange	July 12, 1927	1,328	Active
Central	Colusa	1887	156,550	Dissolved
Citrus Belt	San Bernardino	1890	11,700	Dissolved
Citrus Heights	Sacramento-Placer	Oct. 13, 1920	3,076	Active
Colusa	Colusa	1888	105,000	Dissolved
Compton-Delevan	Colusa	Aug. 16, 1920	12,652	Active
Consolidated	Fresno-Tulare-Kings	Aug. 23, 1921	149,047	Active
Corcoran	Kings	July 28, 1919	51,605	Active
Cordova	Yuba	Sept. 22, 1919	5,461	Active
Crescent	Fresno-Kings	Feb. 5, 1925	13,150	Active
Crooks Canyon	Modoc	Sept. 27, 1919	5,029	Inactive
Dear Creek	Tehama	Aug. 31, 1926	1,907	Active
Dry Creek	Yuba	Mar. 1, 1926	9,330	Inactive
East Contra Costa	Contra Costa	Aug. 16, 1926	20,200	Active
East Riverside	San Bernardino-Riverside	1890	2,690	Dissolved
El Camino	Tehama	Mar. 26, 1921	7,518	Active
El Dorado	El Dorado	Sept. 22, 1925	30,703	Active
El Nido	Merced	April 22, 1929	9,400	Active
El Solyo	Stanislaus	Aug. 23, 1921	3,783	Inactive
Elsinore	Riverside	1889	15,000	Dissolved
Escondido	San Diego	1889	12,814	Dissolved
Fair Oaks	Sacramento	Mar. 12, 1917	3,900	Active
Fallbrook	San Diego	*1891-1925	10,216	Active
Fall River Valley	Shasta	July 11, 1922	13,880	Inactive
Feather River	Sutter	Aug. 10, 1920	3,027	Inactive
Foothill	Fresno-Tulare	May 3, 1929	50,687	Active
Fresno	Fresno	June 28, 1920	241,300	Active
Fullerton	Orange	Oct. 18, 1919	2,700	Inactive
Glenn-Colusa	Glenn-Colusa	Mar. 2, 1920	121,592	Active
Glendora	Los Angeles	1892	3,000	Dissolved
Grapeland	San Bernardino	1890	10,787	Dissolved
Grenada	Siskiyou	Feb. 8, 1921	4,948	Active
Happy Valley	Shasta	*1891-1916	3,100	Dissolved
Huron	Fresno	1892	25,000	Dissolved
Ilmet	Riverside	Sept. 6, 1927	9,815	Active
Honey Lake Valley	Lassen	Sept. 7, 1916	32,500	Dissolved
Hollister	San Benito	July 31, 1923	30,202	Inactive
Honcut-Yuba	Butte-Yuba	Nov. 17, 1919	30,000	Dissolved
Hot Spring Valley	Modoc	Sept. 27, 1919	9,497	Active
Imperial	Imperial	July 25, 1911	605,000	Active
Island No. 3	Kings	May 3, 1921	4,620	Active
Jacinto	Glenn	Aug. 15, 1917	11,554	Active
James	Fresno	Feb. 6, 1920	26,614	Active
Jamacha	San Diego	1891	22,000	Dissolved
Juniper	Modoc	Nov. 6, 1925	1,820	Inactive
Kasson	San Joaquin	Feb. 8, 1921	5,921	Inactive
Kern and Tulare	Kern-Tulare	1889	40,000	Dissolved
Klamath-Shasta Valley	Siskiyou	Oct. 4, 1921	257,000	Dissolved
Knightson	Contra Costa	1920	10,001	Consolidated <sup>2</sup>
Kraft	Tehama-Glenn	1888	13,000	Dissolved
La Canada	Los Angeles	April 5, 1924	1,296	Active
Ladera	Riverside	Oct. 30, 1922	1,632	Active
Laguna	Fresno-Kings	Feb. 20, 1920	34,858	Active

District	County	Date of election or organization	Acreage	Status
Lakeland	Kings	Feb. 2, 1923	23,282	Active
Lakeside	San Diego	July 29, 1924	320	Active
La Mesa, Lemon Gr. and S. V.	San Diego	Oct. 17, 1913	19,019	Active
Lemoore	Kings	Oct. 11, 1920	53,100	Active
Linda Vista	San Diego	1891	42,600	Dissolved
Linden	San Joaquin	Oct. 3, 1929	13,700	Active
Lindsay-Strathmore	Tulare	Oct. 16, 1915	15,260	Active
Littlerock Creek	Los Angeles	Mar. 19, 1892	3,073	Active
Littlerock-Midland	Los Angeles	Dec. 22, 1924	2,490	Inactive
Lone Tree	Contra Costa	1920	2,095	Consolidated <sup>1</sup>
Long Valley Creek	Lassen	Dec. 2, 1915	34,345	Dissolved
Lucerne	Kings	Jan. 8, 1925	33,407	Active
Madera	Madera	1888	280,000	Dissolved
Madera	Madera	Jan. 2, 1920	352,000	Active
Manzana	Los Angeles	1891	3,000	Dissolved
Maxwell	Colusa	June 8, 1918	8,819	Active
Medano	Madera	Jan. 28, 1921	13,560	Inactive
Mendota	Fresno	Nov. 6, 1921	67,089	Inactive
Merced	Mereed	Dec. 8, 1919	189,682	Active
Modesto	Stanislaus	July 23, 1887	81,183	Active
Mojave River	San Bernardino	April 9, 1917	27,665	Active
Montague	Siskiyou	May 5, 1925	26,117	Active
Moorpark-Conejo	Ventura	Jan. 13, 1925	26,277	Inactive
Murrieta	Riverside	1890	14,000	Dissolved
Naglee Burk	San Joaquin	Nov. 23, 1920	2,871	Active
Neenach	Los Angeles	1893	3,840	Dissolved
Nevada	Nevada-Placer	Aug. 4, 1921	268,500	Active
Newport Heights	Orange	July 23, 1918	1,503	Active
Newport Mesa	Orange	June 24, 1918	694	Active
Oakdale	Stanislaus-San Joaquin	Oct. 23, 1909	74,240	Active
Olive	San Bernardino	1893	900	Dissolved
Orland	Glenn	1887	14,000	Dissolved
Orland Southside	Glenn	1888	25,000	Dissolved
Oroville-Wyandotte	Butte	Nov. 6, 1919	24,100	Active
Otay	San Diego	1891	44,000	Dissolved
Owens Valley	Inyo	Dec. 26, 1922	53,990	Active
Palmdale	Los Angeles	Feb. 2, 1890	50,000	Dissolved
Palmdale	Los Angeles	July 9, 1918	4,756	Active
Palo Verde	Riverside-Imperial	Oct. 27, 1923	88,693	Active
Paradise	Butte	Mar. 7, 1916	11,260	Active
Perris	Riverside	1890	25,000	Dissolved
Plainsburg	Merced	Nov. 1919	5,717	Inactive
Pomona Orange Belt	Los Angeles	1890	4,000	Dissolved
Potter Valley	Mendocino	April 1, 1924	5,042	Active
Poso	Kern	1888	40,000	Dissolved
Princeton-Codora-Glenn	Glenn-Colusa	Dec. 9, 1916	13,656	Active
Provident	Glenn-Colusa	April 27, 1918	22,805	Active
Ramona	San Diego	July 27, 1925	650	Active
Red Rock Creek	Lassen	June 1918	11,844	Inactive
Rialto	San Bernardino	1890	7,200	Dissolved
Riehvale	Butte	July 1930	17,988	Active
Riverdale	Fresno	April 10, 1920	15,830	Active
Riverside Heights	Riverside	1891	1,400	Dissolved
Round Valley	Inyo-Mono	1923	6,716	Inactive
San Dieguito	San Diego	Mar. 18, 1922	3,900	Active
Santa Fe	San Diego	Feb. 14, 1923	9,258	Active
Santa Gertrudes	Los Angeles	1890	2,000	Dissolved
San Jacinto-Pleasant Valley	Riverside	1891	18,000	Dissolved
San Marcos	San Diego	1891	10,000	Dissolved
San Ysidro	San Diego	Mar. 11, 1911	497	Active
Scott Valley	Siskiyou	July 7, 1917	5,124	Active
Selma	Fresno	1890	200,000	Dissolved
Serrano	Orange	July 12, 1927	1,505	Active
South Capay	Glenn	Nov. 22, 1921	1,486	Inactive
Southern Lassen	Lassen	Dec. 24, 1915	22,565	Inactive
South Montebello	Los Angeles	Nov. 14, 1922	901	Active
South San Joaquin	San Joaquin	May 11, 1909	71,112	Active
Stinson	Fresno	Sept. 15, 1921	11,750	Active
Stratford	Kings	1916	9,875	Consolidated <sup>4</sup>
Strong	Los Angeles	1893	900	Dissolved
Suisun	Solano	Oct. 4, 1920	26,173	Dissolved
Sunset	Fresno-Kings	1891	318,500	Dissolved
Surprise Valley	Modoc	Mar. 2, 1918	17,600	Dissolved
Table Mountain	Butte	April 4, 1922	1,955	Active
Terra Bella	Tulare	Aug. 7, 1915	12,285	Active
Thermalito	Butte	Mar. 24, 1922	3,110	Active
Tia Juana River	San Diego	Aug. 5, 1924	1,511	Active
Tipton	Tulare	1891	17,000	Dissolved
Tracy-Clover	San Joaquin	May 9, 1922	1,084	Active
Tranquillity	Fresno	Jan. 3, 1918	10,750	Active
Tulare	Tulare	Sept. 21, 1889	34,000	Active

District	County	Date of election or organization	Acreage	Status
Tule	Lassen	June 14, 1920	15,015	Active
Tule River	Tulare	1891	22,000	Dissolved
Turlock	Stanislaus-Merced	June 6, 1887	181,498	Active
Vandalia	Tulare	Sept. 17, 1923	1,276	Active
Victor Valley	San Bernardino	Oct. 1917	71,517	Inactive
Vineland	Los Angeles	1889	4,900	Dissolved
Vista	San Diego	Aug. 28, 1923	18,161	Active
Walnut	Los Angeles	Aug. 7, 1863	911	Active
Waterford	Stanislaus	Sept. 6, 1913	14,100	Active
Webster	Madera	Jan. 6, 1916	15,000	Inactive
West Side	San Joaquin	Oct. 25, 1915	11,828	Active
West Stanislaus	Stanislaus-Merced	Nov. 19, 1920	22,048	Active
Williams	Colusa	April 13, 1920	9,021	Consolidated <sup>1</sup>
Woodbridge	San Joaquin	June 16, 1924	13,681	Active

<sup>1</sup> Formerly named Laguna.

<sup>2</sup> With East Contra Costa.

<sup>3</sup> Reorganized.

<sup>4</sup> With Lemoore.

<sup>5</sup> With Glenn-Colusa.

By counties<sup>1</sup> formation has taken place as follows:

County	Number of districts	
	Formed	Active
Butte	5	5
Colusa	7	4
Contra Costa	5	2
El Dorado	1	1
Fresno	12	8
Glenn	7	3
Imperial	2	2
Inyo	3	1
Kern	1	
Kings	7	6
Lassen	7	2
Los Angeles	16	5
Madera	4	1
Mendocino	1	1
Merced	3	2
Modoc	4	1
Nevada	1	1
Orange	6	4
Placer	1	1
Riverside	10	3
Sacramento	2	2
San Bernardino	7	1
San Benito	1	
San Diego	14	9
San Joaquin	9	7
Shasta	2	
Siskiyou	6	5
Solano	1	
Stanislaus	5	5
Sutter	1	
Tehama	3	3
Tulare	9	6
Ventura	1	
Yuba	5	3
Totals	169	94

<sup>1</sup> Where a district lies in two or more counties, county embracing greater area listed.

#### SUMMARY

Districts dissolved	47
Districts consolidated	5
Districts inactive	23
Districts active	94
Total districts formed	169

## FINANCIAL HISTORY OF CALIFORNIA IRRIGATION DISTRICTS—1887—1930

### Original Wright Districts—1887—1895.

The following statistics relating to the districts of this period were in the main compiled from data on file with the Division of Water Resources.

Total number of districts organized, 49.

Thirty-eight of these districts voted bonds and of this number twenty-four issued bonds. The amounts voted and issued, together with the basis of retirement, are listed below:

District	Authorized	Issued	Remarks
Alessandro.....	\$765,000	\$765,000	Bonds held void. No recovery.
Alta.....	543,000	543,000	Refunded in 1901 at 75.
Anaheim.....	690,000	-----	All debts paid.
Big Rock Creek.....	223,000	223,000	Bonds exchanged for water rights and development. Property and assets conveyed to Big Rock Creek Mutual Water Company.
Browns Valley.....	140,000	140,000	Interest and principal settled at 30.
Central.....	570,000	570,000	Interest and principal settled at 35.
Citrus Belt.....	780,000	-----	Sold no bonds. Small construction program financed by warrants which were settled at 50.
East Riverside.....	237,000	237,000	Settled at 25 to 50.
Elsinore.....	459,000	-----	All debts paid.
Escondido.....	359,990	350,000	Settled for \$200,000.
Fallbrook.....	490,000	-----	All debts paid.
Glendora.....	170,000	-----	All debts paid.
Grapeland.....	129,000	129,000	Reported settled at 40 to 60.
Jamacha.....	700,000	111,000	Settled by exchange of outstanding bonds for assets of district.
Kern and Tulare.....	500,000	-----	All debts paid.
Kraft.....	80,000	-----	All debts paid.
Linda Vista.....	1,000,000	176,000	Settled principal in full by exchange and cash.
Littlerock Creek.....	88,000	88,000	Funded by \$25,000 in new bonds.
Madera.....	850,000	-----	All debts paid.
Manzana.....	40,000	40,000	-----
Modesto.....	1,150,000	1,150,000	Principal refunded at par.
Olive.....	60,000	-----	All debts paid.
Orland South Side.....	200,000	-----	All debts paid.
Palmdale.....	175,000	-----	Outstanding warrants repudiated.
Perris.....	442,000	490,000	Settled at 40.
Pomona Orange Belt.....	200,000	2,000	Settled at par.
Poso.....	500,000	500,000	Practically settled at par. Landowners assessed \$11 per acre (mostly paid).
Rialto.....	411,000	411,000	All but a few thousand dollars settled at 12 to 40.
Riverside Heights.....	300,000	-----	All debts paid.
San Jacinto and Pleasant Valley.....	350,000	225,250	Repudiated all but \$65,000.
San Marcos.....	350,000	-----	All debts paid.
Santa Gertrudes.....	55,000	-----	Warrants settled at 50.
Sunset.....	2,000,000	329,500	Issue fraudulent. No recovery.
Tipton.....	50,000	50,000	Settled at 72.
Tulare.....	500,000	500,000	Settled at 54.
Tule River.....	100,000	100,000	Settled at 50.
Turlock.....	1,170,000	1,170,000	Refunded at 81.
Vineland.....	62,000	62,000.	-----
Totals.....	\$16,690,000	\$8,271,750	-----

Thus the total recovery to the bondholders upon the \$8,271,750 in bonds issued approximated \$4,250,000, not taking into consideration loss of interest.

Whereas much constructive legislation resulted from these failures, yet the remarks of Mr. Adams in Bulletin No. 2, written fifteen

years ago, commenting upon failures and repudiations of bonds by the districts of this period, have a peculiarly modern ring:

Failures under the original act of 1887 may, in the main, be attributed to one or more of the following conditions or causes:

(a) Lack of any provision for State control or supervision through which the organization of unwise and infeasible districts could be prevented by the State government.

(b) The granting of too large a measure of power to minority landowners in the matter of initiating district projects, resulting in the formation of a number of districts in which the majority of established substantial interests was opposed to such organization; also, resulting in some cases in the formation of districts by a relatively few occupants of desert holdings who in no way represented the interests of those who ultimately would have had to pay for district improvements had the project been successful.

(c) Absence of some proper limitation on the power of districts to create debt without the assent of those representing at least a majority of the property to be charged with the debt. This lack resulted in many cases in the voting and issuance of bonds far in excess of amounts conditions at the time justified, inevitably arousing bitter opposition on the part of the large landowners.

(d) In the case of a considerable number of the districts organized, a too strongly speculative attitude on the part both of the promoters and organizers of such districts and of those who purchased the bonds that were issued.

(e) Lack of data as to water supply and construction costs, resulting in engineering mistakes that even a small measure of public control should now be able to prevent.

(f) In a few cases, willingness of engineers of repute to report favorably on district projects for which there was no physical justification and for which, in some cases, there was no moral justification.

(g) Misconception by many of the purposes of the district law and of the extent of the power over riparian rights granted by it to nonriparian owners.

(h) Excessive optimism of the period of greatest activity under the law, followed by the industrial panic of 1893, during which feasible projects in some cases met the same fate as those that were not feasible.

(i) General attack on the principles of the law under financial support of a number of both large and small landowners who were convinced by shrewd attorneys that the Wright act could be proven unconstitutional and debts incurred under it thereby be invalidated.

(j) In some cases, failure of the organizers of districts to give due regard to economic feasibility at the time the projects were undertaken.

The failures of this period may appear to have no bearing upon the present situation, nor, again quoting Mr. Adams, does it appear "to the interest of irrigation districts generally to delve too deeply into their histories"; yet comparison of the causes leading to their defaults with those of the present shows many of the conditions to be inherently the same and only by analysis thereof may rectification measures be studied.

Inactive Districts.

Generally, districts classed as inactive are those which after organization have determined or have had determined for them the infeasibility of the project and which have as yet not been legally dissolved.

Total number of inactive districts, 23.

Seven of these districts asked for certification of bonds, three requests were approved and only two authorized issuance by vote.

District	Certification asked	Approved	Voted	Issued
Crooks Canyon.....	\$180,000	\$80,000	\$80,000	None
El Solyo.....	278,379			None
Feather River.....	95,000	95,000		None
Medano.....	750,000			None
Red Rock Creek.....	750,000	442,160	442,160	None
South Capay.....	88,300			None
South Lassen.....	1,400,004			None
Totals.....	\$3,541,683	\$617,160	\$522,160	None

No bonds have been sold by any of these districts.

Active Districts (January 2, 1931).

For the purpose of this investigation, irrigation districts of the State are classed as active if they are established operating units, if they have adopted definite plans and are engaged in the preliminary stages of construction or acquisition of an irrigation system, or if they are in the process of reorganization or liquidation.

Number of active districts.....	195
Number of active districts voting bonds.....	284
Number of active districts voting but not selling bonds.....	6

El Nido.....	\$135,000 00
Foothill.....	2,270,000 00
Ladera.....	200,000 00
Linden.....	105,000 00
Mojave River.....	5,600,000 00
Richvale.....	515,000 00
	<hr/>
	\$8,825,000 00

Number of active districts not voting bonds.....	10
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Bard, Crescent, Fallbrook, Hemet, Island No. 3, Lakeland, Lemoore, Lucerne, Tia Juana River, and Walnut.

Number of active districts which have retired all outstanding bonds.....	3
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	Voted	Sold	Basis of retirement
Browns Valley.....	\$140,000	\$140,000	\$42,000 (1906)
Madera.....	28,000,000	200,000	200,000 (1928)
Tulare.....	500,000	500,000	272,075 (1903)
Totals.....	\$28,640,000	\$840,000	

<sup>1</sup> Including Williams.

<sup>2</sup> Bond statistics have been obtained from various sources, and whereas some slight discrepancies appear between records of the Bond Certification Commission, the State Department of Public Works and annual statements of the districts, yet the data presented is believed to be substantially correct.

Number of active districts voting refunding bonds----- 10

District	Voted	Sold or exchanged	Indebtedness canceled
Alta .....	\$500,000	\$492,000	\$675,000
Compton-Delevan .....	384,000	273,000	273,000
Cordillera .....	187,009	102,000	192,000
Glenn-Colusa .....	300,000	285,000	285,000
Little-rock Creek .....	60,000	25,000	88,000
Modesto .....	1,056,511	1,056,511	1,056,511
Naglee Burk .....	192,000	186,000	186,000
Palo Verde .....	213,000	213,000	213,000
Turlock .....	1,200,000	1,156,000	1,170,000
Williams .....	466,000	379,000	332,000
Totals .....	\$4,558,511	\$4,167,511	\$4,380,511

<sup>1</sup> Remainder of issue yet to be exchanged.

<sup>2</sup> \$35,000 used for construction.

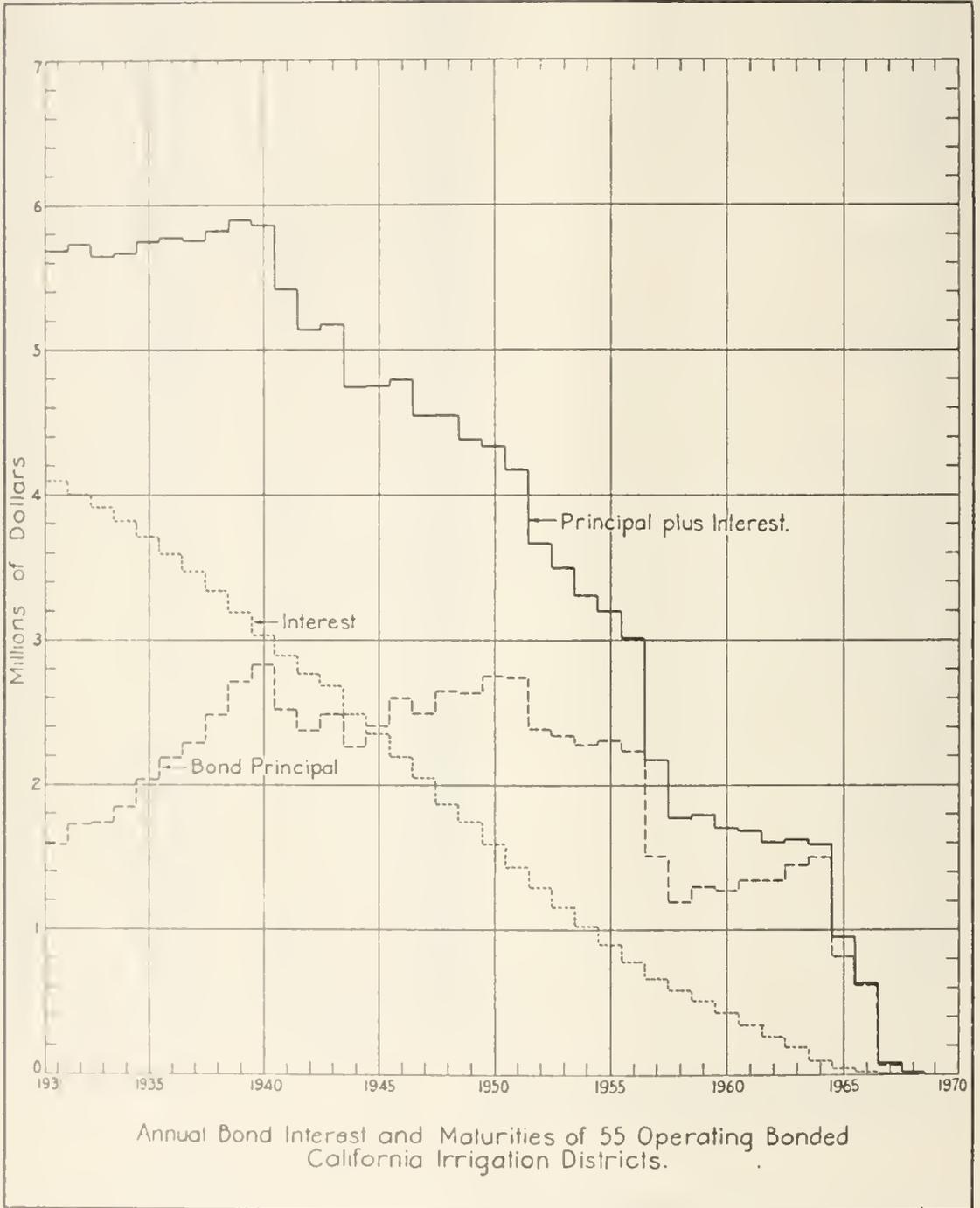
<sup>3</sup> \$87,000 unissued; \$47,000 used for construction.

Number of active districts with outstanding bonds not in default in either principal or interest, as of January 2, 1931 \_\_\_\_\_ 55

District	Authorized	Unissued	Retired	Outstanding
Alpaugh	\$283,000		\$28,300	\$254,700
Alta	590,000	\$3,000	262,500	229,500
Anderson-Cottonwood	1,255,000		105,000	1,150,000
Banta-Carbona	1,164,000	26,940		1,137,060
Beaumont	300,000		46,000	254,000
Byron-Bethany	650,000		54,000	596,000
Camp Far West	200,000	21,000		179,000
Carmichael	120,000		23,400	96,600
Carpenter	200,000			200,000
Citrus Heights	262,000	47,000	32,000	183,000
Compton-Delevan	575,000	52,000	139,000	384,000
Consolidated	850,000		615,000	235,000
Corcoran	760,000		10,000	750,000
Cordua	267,000	10,000		257,000
Deer Creek	25,000		5,000	20,000
East Contra Costa	1,324,000	23,000	65,000	1,236,000
El Dorado	1,300,000	612,000		688,000
Fair Oaks	200,000	40,000	44,000	116,000
Fresno	2,000,000		1,745,000	255,000
Glenn-Colusa	2,587,000	182,850	851,650	1,552,500
Hot Spring Valley	160,000		68,000	92,000
Imperial	16,000,000		1,150,000	14,850,000
Jacinto	238,000		70,000	168,000
La Canada	228,000			328,000
Laguna	265,000		212,000	53,000
Lakeside	35,000			35,000
Lindsay-Strathmore	1,650,000		80,000	1,561,000
Merced	16,250,000			16,250,000
Modesto	5,119,511	282,000	651,630	4,185,881
Naglee Burk	200,000	5,000	9,000	186,000
Newport Heights	160,000			160,000
Newport Mesa	50,000			50,000
Oakdale	3,675,000		220,000	3,455,000
Oroville-Wyandotte	2,000,000	905,000		1,095,000
Paradise	490,000		8,000	482,000
Potter Valley	100,000	3,000		97,000
Prtn.-Codora-Glenn	175,000			175,000
Ramona	91,000			91,000
Riverdale	123,000		73,000	50,000
San Dieguito	400,000		11,000	389,000
Santa Fe	700,000			700,000
San Ysidro	25,000			25,000
Scott Valley	125,000		56,000	69,000
Serrano	200,000			200,000
South Montebello	125,000		37,500	87,500
South San Joaquin	5,985,000		45,000	5,940,000
Thermalito	320,000			320,000
Tracy-Clover	52,170			52,170
Turlock	7,870,000		940,100	6,929,900
Vandalia	210,000		23,100	186,900
Vista	1,700,000			1,700,000
Waterford	670,000		32,950	637,050
West Side	595,000	36,500	30,000	528,500
West Stanislaus	1,216,376	41,376		1,175,000
Woodbridge	327,000		10,000	315,000
Totals	\$82,450,057	\$2,295,666	\$7,763,130	\$72,391,261

<sup>1</sup> Does not include refunding bonds.

<sup>2</sup> \$11,000 in bonds due January 1, 1931, reported unpaid.



Number of active districts in default in either principal or interest  
as of January 2, 1931----- 21

District	Authorized	Unissued	Retired	Outstanding	In default	
					Principal	Interest
Baxter Creek.....	\$511,000			\$511,000	\$87,000	\$224,010
Big Springs.....	69,000	\$2,000	\$4,000	63,000	3,000	
Butte Valley.....	594,000			594,000		139,560
El Camino.....	430,000	7,000		423,000		12,690
Grenada.....	240,000			240,000	80,000	52,600
James.....	1,000,000		5,000	995,000	195,000	255,240
La Mesa, L. G. and S. V.....	3,732,500	1,666,500	10,000	2,056,000		20,328
Littlerock Creek.....	368,000		8,000	360,000	4,000	21,000
Maxwell.....	260,000		26,000	234,000	104,000	67,830
Montague.....	1,355,000			1,395,000		13,500
Nevada <sup>1</sup> .....	9,842,000	1,808,000		8,034,000		140,000
Owens Valley.....	1,650,000	1,178,500		471,500		119,063
Palmdale.....	545,000	100,000		445,000		146,850
Palo Verde.....	6,475,330	1,562,000	683,000	4,230,330	41,000	249,805
Provident.....	1,190,000		186,000	1,004,000	12,000	24,870
Stinson.....	360,000			360,000	7,200	34,212
Table Mountain.....	187,000			187,000		5,500
Terra Bella.....	1,000,000		124,500	875,500	2,500	
Tranquillity.....	260,000		10,000	250,000	3,000	13,750
Tule.....	806,000			806,000	132,000	243,242
Williams.....	1,779,000	147,000	62,000	1,570,000	29,000	150,180
Totals.....	\$31,693,830	\$6,471,000	\$1,118,500	\$24,104,330	\$699,700	\$1,946,230

<sup>1</sup> Includes \$47,000 of the refunding bonds used for construction.

<sup>2</sup> Includes \$332,000 of refunding bonds.

<sup>3</sup> Interest not met from district revenue.

Summary of Bond Statistics of Active Districts—January 2, 1931

Total bonds <sup>2</sup> voted including refunding issues.....	\$156,167,398 00
Total refunding bonds voted.....	4,558,511 00
Total bonds voted (not sold or issued).....	45,391,666 00
Total bonds retired.....	9,721,630 00
Total bonds outstanding.....	95,495,591 00
Total outstanding bonds of districts in default.....	24,104,330 00
Total principal in default.....	699,700 00
Total interest in default.....	1,946,230 00

Aside from the general unfavorable farming and marketing conditions now prevalent, specific reasons for default in California irrigation districts may generally be traced to one or more of the following causes:

(1) Overcapitalization (actual, sale of bonds at heavy discounts, purchase of works existing prior to district formation at excessive prices).

(2) Lack of an adequate, dependable and feasible water supply. (Abnormally low rainfall in California during recent years has resulted in reduced storage and a lowering of the pumping water table. Litigation has in some instances resulted in a loss of supply to which at the time of organization the district had assumed title.)

(3) Inclusion of marginal lands or those so situated topographically that they are incapable of service from the district works, poor lands and those which for any other reason are incapable of bearing their proportion of the district debt.

(4) Failure of colonization plans to materialize.

(5) Unfavorable climatic conditions (growing season short and uncertain).

(6) Poor management.

(7) Engineering difficulties (faulty analyses resulting either in burdensome construction or operation costs or necessitating reconstruction).

(8) Overlapping liens.

(9) Default of owners of large holdings.

(10) Unfortunate crop specializations.

Seven of these districts were aided to default through overcapitalization, six through an inadequate water supply, actual, or lost or diminished through litigation; five through the inclusion of lands unsuitable from the standpoint of soils or topography, three through the failure of colonization plans, one due to unfavorable climatic conditions, two undoubtedly suffered through poor management, five through engineering difficulties, four were assisted to default by the complication of overlapping liens, three through delinquencies of owners of relatively large tracts, and four through price failure upon crop specialities.

The Owens Valley Irrigation District default is not due to any of the causes obtaining in other situations, as the lands of this district have been acquired by the city of Los Angeles in connection with its aqueduct project, and the reasons for default have no bearing upon this analysis.

Reorganization plans for defaulting California irrigation districts have usually provided for reduction or waiver of bond interest for a specified period, or for the exchange of existing bonds for refunding bonds, at par or below, and bearing later maturity dates.

Reorganization committees have been formed in all of the present defaulting situations except the most recent and those in which there is a probability of early correction. The status of these various reorganizations is set forth under the individual district summaries which follow. One district has arranged for a reduction in acreage and capital debt and the acceptance of refunding bonds bearing later maturity dates; one proposes the deferment of five years interest; while two others suggest the exchange of interest coupons for special warrants.

With the exception of the older and well established districts, California irrigation districts generally have thus far been required to carry only interest charges and accordingly commencement of principal payments has not as yet been a factor directly responsible for default. However, many districts not now in default, and normally basically sound, are facing the payment of early maturities, which, with carrying, operation and maintenance charges, will often be prohibitive and readjustment is imperative.

Not including defaults, eight California irrigation districts begin their first maturity payments in 1931, in amount \$285,250, increasing to twenty-five districts and \$1,388,810 in 1935.

The following descriptive summary of each active California irrigation district has been prepared to show the detail of these general statements. In order to determine the total obligation in overlapping situations, direct reference should be made to the individual summaries of the districts involved.

## ALPAUGH IRRIGATION DISTRICT

**Organization:** Date of organization election, March 29, 1915.

**Location:** In townships 23 and 24 south, range 23 east, M. D. B. and M., adjacent to the town of Alpaugh, in Tulare County (formerly an island in Tulare Lake known as "Atwell's Island").

**Area:** Gross, 8175 acres. Developed, 8132 acres.

**Financial: Bonds**—District has one bond issue of \$283,000 which was validated by State Irrigation District Bond Commission February 13, 1917.

Dated July 1, 1916.

Due serially, 1927-1946, July 1 of each year.

Denominations \$1,000, \$500 and odd amounts.

Interest 6%, payable Jan.-July 1 at Bank of Italy, Visalia, California.

Outstanding January 2, 1931	\$254,700 00
Retired	28,300 00
Authorized	\$283,000 00

## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930	\$254,700	.		
1931	243,380	\$11,320	\$14,942	\$26,262
1932	232,060	11,320	14,263	25,583
1933	220,740	11,320	13,584	24,904
1934	209,420	11,320	12,904	24,224
1935	195,270	14,150	12,140	26,290
1936	181,120	14,150	11,291	25,441
1937	166,970	14,150	10,442	24,592
1938	152,820	14,150	9,593	23,743
1939	135,840	16,980	8,659	25,639
1940	118,860	16,980	7,641	24,621
1941	101,880	16,980	6,622	23,602
1942	84,900	16,980	5,603	22,583
1943	65,090	19,810	4,499	24,309
1944	45,280	19,810	3,311	23,121
1945	22,640	22,640	2,037	24,677
1946		22,640	679	23,319
		\$254,700		

Warrants—\$18,679.24 (1930 District Annual Report).

**Overlaps:** Reclamation District No. 780 and Tulare Lake Basin Water Storage District include approximately 820 acres of the district.

**Remarks:** The annual maintenance and operation costs for 1929 amounted to about \$8 per acre of gross area, exclusive of bond interest and redemption charges.

The tax rate for Tulare County is \$2.85 per \$100 of assessed valuation.

## ALTA IRRIGATION DISTRICT

**Organization:** Date of organization election, August 14, 1888.

**Location:** East of the Kings River between Piedra and Kingsburg in Fresno, Tulare and Kings counties (between Consolidated and Foothill Irrigation Districts).

**Area:** Gross, 129,300 acres. Developed, 129,000 acres.

**Financial: Bonds**—Original bond issue of \$675,000 sold in 1889. Except for one \$500 bond this issue has been retired by a refunding issue of \$492,000. This refunding issue was not validated by the Bond Certification Commission.

Dated February 4, 1902.

Due serially 1923-1942, January 1 each year.

Denomination \$500.

Interest 5%, Jan.-July 1, by District Treasurer, Dinuba, California.

Outstanding, January 2, 1931	\$229,500 00
Retired	262,500 00
Unissued	8,000 00
Authorized	\$500,000 00

## DIVISION OF WATER RESOURCES

## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930 -----	\$250,000			
1931 -----	229,500	\$20,500	\$11,475	\$31,975
1932 -----	204,500	25,000	10,225	35,225
1933 -----	181,000	23,500	9,050	32,550
1934 -----	159,500	21,500	7,975	29,475
1935 -----	134,500	25,000	6,725	31,725
1936 -----	109,500	25,000	5,475	30,475
1937 -----	91,000	18,500	4,550	23,050
1938 -----	66,000	25,000	3,300	28,300
1939 -----	41,000	25,000	2,050	27,050
1940 -----	26,000	15,000	1,300	16,300
1941 -----	10,500	15,500	525	16,025
1942 -----		10,500		10,500
		\$250,000		

**Remarks:** This is one of the original Wright districts. It is the successor of the "76" Land and Water Company which originally constructed the "76" canal. Default in payments occurred prior to 1901 and the basis of exchange for the existing bond issue at that time was 75. Since this settlement the district has met all principal and interest payments as due. The maintenance and operation cost for 1930 was \$0.43 per acre of gross area exclusive of bond interest and redemption costs. The tax rates for the several counties in which the district is situated are as follows:

Fresno County-----	\$2.20 per \$100 of assessed valuation
Tulare County-----	\$2.85 per \$100 of assessed valuation
Kings County-----	\$2.55 per \$100 of assessed valuation

## ANDERSON-COTTONWOOD IRRIGATION DISTRICT

**Organization:** Date of organization election, July 14, 1914.

**Location:** In Shasta and Tehama counties, on both sides of the Sacramento River between Redding and Anderson, and on the west side of the Sacramento River and adjacent to Cottonwood Creek between Anderson and Cottonwood.

**Area:** Gross, 32,113 acres. Developed, 20,500 acres.

**Financial: Bonds**—Three bond issues have been issued by the district and validated by the Bond Certification Commission, as follows:

## First issue:

Dated January 1, 1916.

Due serially, 1937-1956, January 1 each year.

Denominations \$1,000, \$100.

Interest 6%, Jan.-July 1, by District Treasurer, Anderson, California.

Outstanding and authorized, January 2, 1931----- \$480,000 00

## Second issue:

Dated July 1, 1917.

Due serially, 1938-1957, July 1 each year.

Denominations \$1,000, \$500, \$250.

Interest 6%, Jan.-July 1, by District Treasurer, Anderson, California.

Outstanding and authorized, January 2, 1931----- \$575,000 00

## Third issue:

Dated July 1, 1920.

Due serially, 1925-1934, July 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer, Anderson, California.

Outstanding, January 2, 1931----- \$95,000 00

Retired----- 105,000 00

Authorized----- \$200,000 00

Outstanding, January 2, 1931----- \$1,150,000 00

Retired----- 105,000 00

Authorized----- \$1,255,000 00

MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930	\$1,150,000			
1931	1,128,000	\$22,000	\$68,340	\$90,340
1932	1,105,000	23,000	66,990	89,990
1933	1,080,000	25,000	65,550	90,550
1934	1,055,000	25,000	64,050	89,050
1935	1,055,000	-----	63,300	63,300
1936	1,055,000	-----	63,300	63,300
1937	1,045,400	9,600	62,724	72,324
1938	1,024,300	21,100	61,803	82,903
1939	998,400	25,900	60,249	86,149
1940	966,750	31,650	58,522	90,172
1941	930,300	36,450	56,335	92,785
1942	888,100	42,200	53,976	96,176
1943	845,900	42,200	51,444	93,644
1944	803,700	42,200	48,912	91,112
1945	756,700	47,000	46,092	93,092
1946	703,950	52,750	43,099	95,849
1947	651,200	52,750	39,934	92,684
1948	598,450	52,750	36,769	89,519
1949	540,900	57,550	33,316	90,866
1950	477,600	63,300	29,691	92,991
1951	414,300	63,300	25,893	89,193
1952	351,000	63,300	22,095	85,395
1953	282,900	68,100	18,009	86,109
1954	209,050	73,850	13,750	87,600
1955	130,400	78,650	9,032	87,682
1956	46,000	84,400	4,144	88,544
1957	-----	46,000	1,380	47,380
		\$1,150,000		

Partial default occurred on the July, 1930, coupons which has since been paid.

**Remarks:** The annual maintenance and operation costs for 1929 amounted to \$0.98 per gross acre exclusive of bond interest and redemption charges. The county tax rates of the two counties in which the district is situated are as follows: Shasta County, \$3 per \$100 of assessed valuation, and Tehama County, \$2.60 per \$100 of assessed valuation.

BANTA-CARBONA IRRIGATION DISTRICT

**Organization:** Date of organization election, February 24, 1921.

**Location:** In San Joaquin County, townships 2 and 3 south, ranges 5 and 6 east, M. D. B. and M., on the west side of San Joaquin Valley between Tracy and Vernalis.

**Area:** Gross, 14,379 acres. Developed, 14,076 acres.

**Financial: Bonds**—Three bond issues have been validated by the Bond Certification Commission and issued by the district, as follows:

First issue:

Dated August 1, 1924.

Due serially, 1940-1964, July 1 each year.

Denominations \$1,000, \$400, \$350, \$300, \$250, \$150, \$100.

Interest 6%, Jan.-July 1, by District Treasurer at Tracy, California.

Outstanding and authorized, January 2, 1931----- \$705,000 00

Second issue:

Dated December 1, 1925.

Due serially, 1941-1965, July 1 of each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer at Tracy, California.

Outstanding and authorized, January 2, 1931----- \$125,000 00

Third issue:

Dated January 1, 1927.

Due serially, 1948-1967, January 1 each year.

Denominations \$1,000, \$500, \$180, \$160, \$140, \$120, \$100.

Interest 6%, Jan.-July 1, by District Treasurer at Tracy, California.

Outstanding, January 2, 1931----- \$307,060 00

Unsold ----- 26,940 00

Authorized ----- \$334,000 00

## DIVISION OF WATER RESOURCES

Outstanding, January 2, 1931-----	\$1,137,060 00
Unsold-----	26,940 00
Authorized-----	\$1,164,000 00

## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1933-----	\$1,137,060			
1940-----	1,130,060	\$7,000	\$68,013	\$75,013
1941-----	1,122,060	8,000	67,563	75,563
1942-----	1,113,960	8,100	67,080	75,180
1943-----	1,105,860	8,100	66,594	74,694
1944-----	1,089,760	16,100	65,868	81,968
1945-----	1,073,660	16,100	64,902	81,002
1946-----	1,057,560	16,100	63,936	80,036
1947-----	1,041,460	16,100	62,970	79,070
1948-----	1,017,680	23,780	61,573	85,353
1949-----	986,850	30,830	59,935	90,765
1950-----	950,680	36,170	57,825	93,995
1951-----	914,510	36,170	55,655	91,825
1952-----	875,000	39,510	53,284	92,794
1953-----	821,390	53,610	50,490	104,100
1954-----	766,780	54,610	47,244	101,854
1955-----	712,170	54,610	43,967	98,577
1956-----	654,220	57,950	40,490	98,440
1957-----	589,220	65,000	36,802	101,802
1958-----	523,220	66,000	32,872	98,872
1959-----	457,220	66,000	28,912	94,912
1960-----	387,880	69,340	24,751	94,091
1961-----	311,490	76,390	20,379	96,769
1962-----	234,100	77,390	15,766	93,156
1963-----	149,660	84,440	9,911	94,351
1964-----	59,880	89,780	5,584	95,364
1965-----	26,500	33,380	1,890	35,270
1966-----		26,500	1,590	28,090
				\$1,137,060

Remarks: District embraces lands heretofore dry farmed. Annual operation and maintenance costs for 1929, exclusive of bond interest and redemption charges, amounted to \$7.53 per gross acre. The county tax rate in San Joaquin County is \$2.79 per \$100 of assessed valuation.

## BARD IRRIGATION DISTRICT

Organization: Date of organization election: August 2, 1927. (Originally organized as "Laguna Irrigation District." Name later changed by district board of directors to "Bard Irrigation District.")

Location: In Imperial County, on the west side of the Colorado River below Laguna Dam.

Area: Gross, 6827 acres. Developed, 6100 acres.

Financial: Bonds—No bonds have been voted by district.

Remarks: District consists of that portion of the reservation unit of the Yuma Project of the U. S. Bureau of Reclamation lying west of the Colorado River in California. The lands are well developed. Assessments are levied for district expenses. County tax rate for Imperial County is \$2.63 per \$100 of assessed valuation.

## BAXTER CREEK IRRIGATION DISTRICT

Organization: Date of organization election, February 8, 1917.

Location: Lassen County, in townships 28 and 29 north, ranges 13 and 14 east, M. D. B. and M., between Susan River and Honey Lake.

Area: Gross, 9336 acres.

Financial: Bonds—One issue of bonds totaling \$511,000 has been sold. These bonds were validated by the Bond Certification Commission on July 22, 1921. Dated July 1, 1921.

Due serially, 1926-1933, January 1 each year: \$5,000, 1926; \$8,000, 1927; \$12,000, 1928; \$16,000, 1929; \$22,000, 1930; \$24,000, 1931 in increasing amounts to \$47,000, 1943.

Denomination \$1,000.

Interest 6% Jan.-July 1, by District Treasurer at Standish, California.

Outstanding and authorized, January 2, 1931-----\$511,000 00

**Remarks:** District has been in default in both bond principal and interest since January 1, 1928. Bonds to the amount of \$404,000 have been deposited with a bondholders' committee and efforts are being made to reorganize the district and complete the irrigation works.

Tule Irrigation District adjoins this district, is joint owner in the irrigation works and is involved in the same financial problem.

**BEAUMONT IRRIGATION DISTRICT**

**Organization:** Date of organization election, March 4, 1919.

**Location:** On Little San Geronio Creek in townships 2 and 3 south, range 1 west, S. B. B. and M., Riverside County, surrounding and north of Beaumont.

**Area:** Gross, 4141 acres. Developed, 3161 acres.

**Financial:** *Bonds*—Two bond issues were sold by the district. Both issues bear interest at 6%.

First issue:

Validated by Bond Certification Commission on December 20, 1920.

Dated November 1, 1920.

Due serially, 1926-1944, January 1 each year.

Denominations \$1,000, \$100.

Interest Jan.-July 1, by District Treasurer at Beaumont, California.

Outstanding, January 2, 1931----- \$184,000 00

Retired ----- 46,000 00

Authorized ----- \$230,000 00

Second issue:

Validated by Bond Certification Commission on July 1, 1926.

Dated July 1, 1926.

Due serially, 1931-1950, July 1 each year.

Interest Jan.-July 1, by District Treasurer at Beaumont, California.

Outstanding and authorized, January 2, 1931----- \$70,000 00

Outstanding, January 2, 1931----- \$254,000 00

Retired ----- 46,000 00

Authorized ----- \$300,000 00

**MATURITIES AND INTEREST**

Year	Outstanding	Maturities	Interest	Total
1930-----	\$263,200			
1931-----	250,500	\$12,700	\$15,135	\$27,835
1932-----	237,800	12,700	14,373	27,073
1933-----	225,100	12,700	13,611	26,311
1934-----	210,100	15,000	12,711	27,711
1935-----	195,100	15,000	11,811	26,811
1936-----	180,100	15,000	10,911	25,911
1937-----	162,800	17,300	9,873	27,173
1938-----	145,500	17,300	8,835	26,135
1939-----	128,200	17,300	7,797	25,097
1940-----	108,600	19,600	6,621	26,221
1941-----	89,000	19,600	5,445	25,045
1942-----	67,100	21,900	4,131	26,031
1943-----	45,200	21,900	2,817	24,717
1944-----	21,000	24,200	1,365	25,565
1945-----	17,500	3,500	1,155	4,655
1946-----	14,000	3,500	945	4,445
1947-----	10,500	3,500	735	4,235
1948-----	7,000	3,500	525	4,025
1949-----	3,500	3,500	315	3,815
1950-----		3,500	105	3,605
		<u>\$263,200</u>		

**Remarks:** District includes the city of Beaumont. Farm lands and city lots are assessed and water tolls for irrigation and domestic use collected. The annual operation and maintenance charges in 1929 amounted to \$10.40 per acre of gross area exclusive of bond interest and redemption charges. The Riverside County tax rate is \$2.62 per \$100 of assessed valuation.

### BIG SPRINGS IRRIGATION DISTRICT

**Organization:** Date of organization election, June 3, 1927.

**Location:** In Siskiyou County, township 44 north, range 5 west, M. D. B. and M., about thirteen miles southeast of Yreka.

**Area:** Gross, 3570 acres. Developed, 2320 acres.

**Financial: Bonds**—A bond issue of \$69,000 was authorized at an election February 2, 1928, and validated by the Bond Certification Commission October 23, 1928. Bonds to the amount of \$67,000 were sold in 1929.

Dated March 1, 1928.

Due serially, 1930-1946, January 1 each year.

Interest 6%.

Outstanding, January 2, 1931	\$63,000 00
Retired	4,000 00
Unissued	2,000 00
Authorized	\$69,000 00

### MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930	\$64,000			
1931	60,000	\$4,000*	\$3,600	\$7,600
1932	56,000	4,000	3,360	7,360
1933	52,000	4,000	3,120	7,120
1934	48,000	4,000	2,880	6,880
1935	44,000	4,000	2,640	6,640
1936	40,000	4,000	2,400	6,400
1937	36,000	4,000	2,160	6,160
1938	32,000	4,000	1,920	5,920
1939	28,000	4,000	1,680	5,680
1940	24,000	4,000	1,440	5,440
1941	20,000	4,000	1,200	5,200
1942	16,000	4,000	960	4,960
1943	12,000	4,000	720	4,720
1944	8,000	4,000	480	4,480
1945	4,000	4,000	240	4,240
1946		4,000		4,000
		\$64,000		

\* \$2,000 In default. Interest has been paid.

**Remarks:** The district recently formed has acquired the stock of the Big Springs Water Company and is enlarging and repairing the irrigation system formerly owned by the company. The operation and maintenance costs for 1929, exclusive of bond interest and redemption charges, amounted to \$4.76 per acre of gross area. The county tax rate of Siskiyou County is \$3.11 per \$100 of assessed valuation.

### BROWN'S VALLEY IRRIGATION DISTRICT

**Organization:** Date of organization election: September 19, 1888. (One of the early Wright irrigation districts.)

**Location:** In Yuba County, on the north side of the Yuba River, extending from North San Juan to seven miles east of Marysville.

**Area:** Gross, 40,000 acres.

**Financial: Bonds**—In 1888 district issued bonds to the amount of \$140,000. Prior to 1915 these bonds were bought back by the district for about thirty cents on the dollar. No other bonds have been issued.

**Remarks:** District now operates on cash basis. Under a contract with the Pacific Gas and Electric Company, district receives water at no cost to itself.

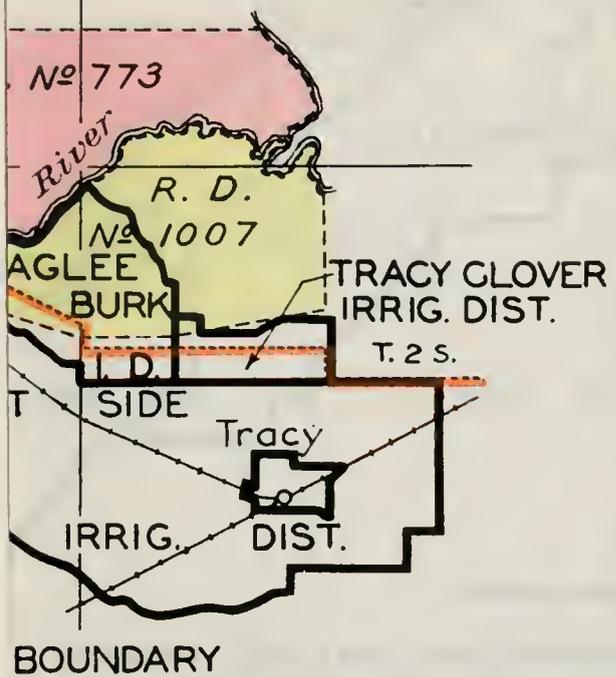
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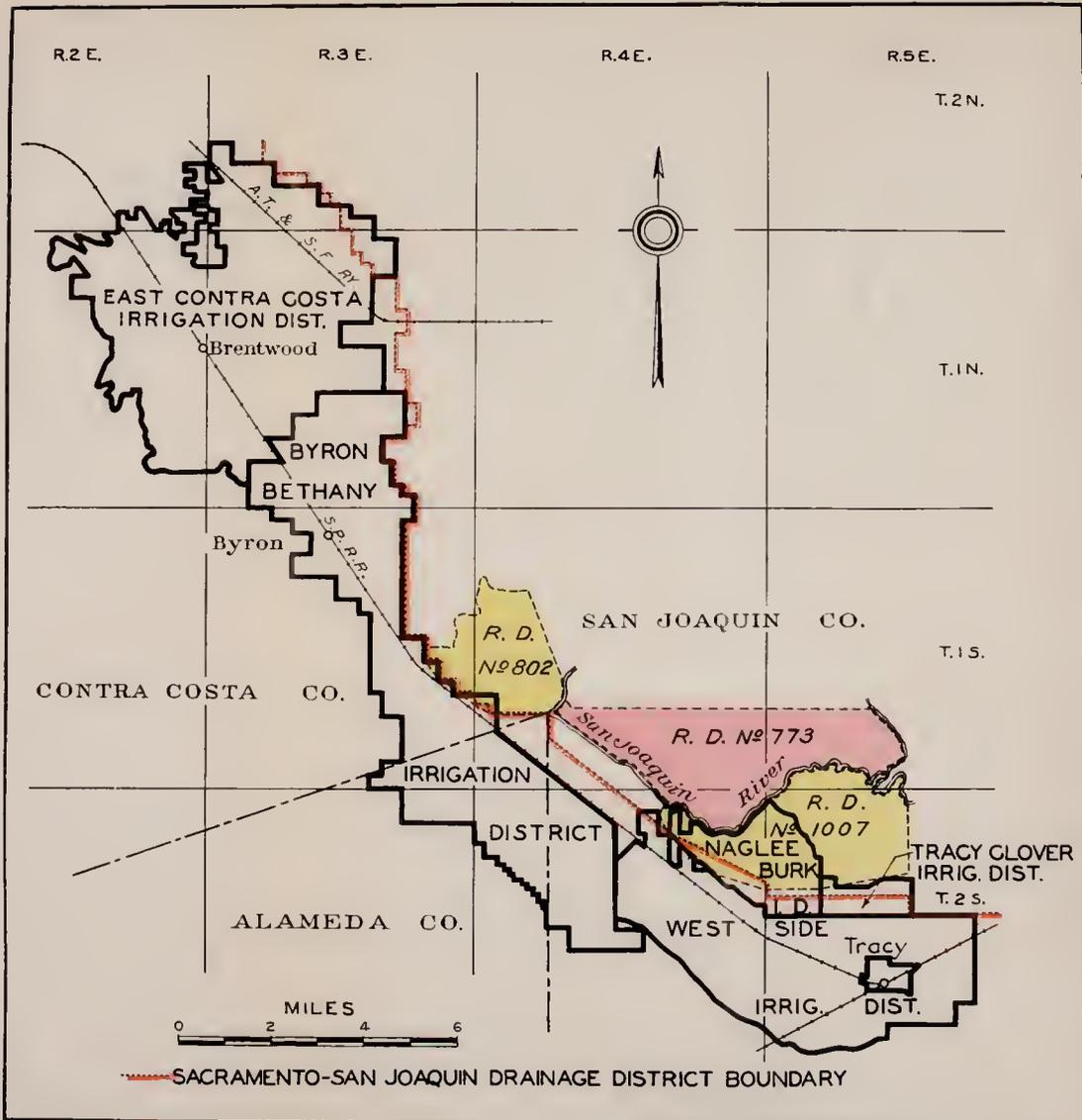
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## BUTTE VALLEY IRRIGATION DISTRICT

**Organization:** Date of organization election, December 4, 1920.

**Location:** In the northeasterly portion of Siskiyou County about 7.50 miles south of the California-Oregon line.

**Area:** Gross, 28,686 acres. Developed, 5,500 acres.

**Financial: Bonds**—One issue of bonds to the amount of \$594,000 has been sold. These bonds were validated by the Bond Certification Commission and bear interest at 6%.

Dated September 1, 1923.

Due serially, 1944-1963, July 1 each year.

Denomination \$1,000.

Interest Jan.-July 1, by District Treasurer at Madocel, California.

Outstanding and authorized, January 2, 1931----- \$594,000 00

**Remarks:** District has not met bond interest payments since 1927. Over 92% of the bonds have been deposited with a bond holders' committee and five years' interest payments have been postponed to aid in development of district. Final agreement between bondholders and district is pending. Operating expenses for 1929 amounted to \$0.40 per acre of gross area exclusive of bond interest. The county tax rate of Siskiyou County is \$3.11 per \$100 of assessed valuation.

## BYRON-BETHANY IRRIGATION DISTRICT

**Organization:** Date of organization election, December 22, 1919.

**Location:** In Contra Costa, Alameda and San Joaquin counties, along the west side of the San Joaquin Valley, between East Contra Costa and West Side irrigation districts.

**Area:** Gross, 17,200 acres. Developed, 14,000 acres.

**Financial: Bonds**—Two bond issues were validated by the Bond Certification Commission and have been sold by the district.

First issue:

Dated November 1, 1920.

Due serially, 1924-1952, January 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer at Byron, California.

Outstanding, January 2, 1931----- \$496,000 00

Retired ----- 54,000 00

Authorized ----- \$550,000 00

Second issue:

Dated September 1, 1923.

Due serially, 1933-1955, July 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer at Byron, California.

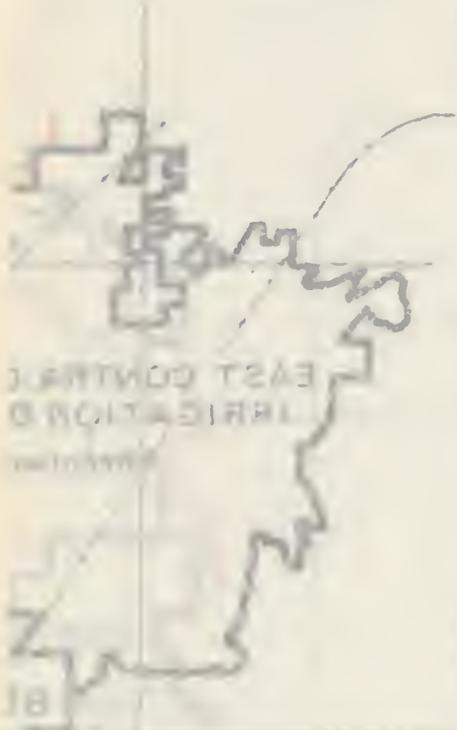
Outstanding and authorized, January 2, 1931----- \$100,000 00

Outstanding, January 2, 1931----- \$596,000 00

Retired ----- 54,000 00

Authorized ----- \$650,000 00

R 5 E



10 1/2 W

COOPER COUNTY

12 1/2 W

SACRAMENTO



## BUTTE VALLEY IRRIGATION DISTRICT

**Organization:** Date of organization election, December 4, 1920.

**Location:** In the northeasterly portion of Siskiyou County about 7.50 miles south of the California-Oregon line.

**Area:** Gross, 28,686 acres. Developed, 5,500 acres.

**Financial: Bonds**—One issue of bonds to the amount of \$594,000 has been sold. These bonds were validated by the Bond Certification Commission and bear interest at 6%.

Dated September 1, 1923.

Due serially, 1944-1963, July 1 each year.

Denomination \$1,000.

Interest Jan.-July 1, by District Treasurer at Madocel, California.

Outstanding and authorized, January 2, 1931----- \$594,000 00

**Remarks:** District has not met bond interest payments since 1927. Over 92% of the bonds have been deposited with a bond holders' committee and five years' interest payments have been postponed to aid in development of district. Final agreement between bondholders and district is pending. Operating expenses for 1929 amounted to \$0.40 per acre of gross area exclusive of bond interest. The county tax rate of Siskiyou County is \$3.11 per \$100 of assessed valuation.

## BYRON-BETHANY IRRIGATION DISTRICT

**Organization:** Date of organization election, December 22, 1919.

**Location:** In Contra Costa, Alameda and San Joaquin counties, along the west side of the San Joaquin Valley, between East Contra Costa and West Side irrigation districts.

**Area:** Gross, 17,200 acres. Developed, 14,000 acres.

**Financial: Bonds**—Two bond issues were validated by the Bond Certification Commission and have been sold by the district.

First issue:

Dated November 1, 1920.

Due serially, 1924-1952, January 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer at Byron, California.

Outstanding, January 2, 1931----- \$496,000 00

Retired ----- 54,000 00

Authorized ----- \$550,000 00

Second issue:

Dated September 1, 1923.

Due serially, 1933-1955, July 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer at Byron, California.

Outstanding and authorized, January 2, 1931----- \$100,000 00

Outstanding, January 2, 1931----- \$596,000 00

Retired ----- 54,000 00

Authorized ----- \$650,000 00

## DIVISION OF WATER RESOURCES

## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930	\$607,000			
1931	596,000	\$11,000	\$35,760	\$46,760
1932	584,000	12,000	35,040	47,040
1933	559,000	15,000	33,600	48,600
1934	553,000	16,000	33,240	49,240
1935	535,000	18,000	32,160	50,160
1936	516,000	19,000	31,020	50,020
1937	495,000	21,000	29,790	50,790
1938	473,000	22,000	28,470	50,470
1939	450,000	23,000	27,090	50,090
1940	425,000	25,000	25,590	50,590
1941	399,000	26,000	24,030	50,030
1942	371,000	28,000	22,380	50,380
1943	342,000	29,000	20,640	49,640
1944	312,000	30,000	18,840	48,840
1945	280,000	32,000	16,920	48,920
1946	247,000	33,000	14,940	47,940
1947	212,000	35,000	12,870	47,870
1948	176,000	36,000	10,710	46,710
1949	139,000	37,000	8,490	45,490
1950	100,000	39,000	6,210	45,210
1951	61,000	39,000	3,870	42,870
1952	21,000	40,000	1,470	41,470
1953	14,000	7,000	1,050	8,050
1954	7,000	7,000	630	7,630
1955		7,000	210	7,210
		<u>\$607,000</u>		

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2) and a portion of Reclamation District No. 802.

**Remarks:** The county tax rates for Alameda and San Joaquin counties are \$2.11 and \$2.79, respectively, per \$100 of assessed valuation.

## CAMP FAR WEST IRRIGATION DISTRICT

**Organization:** Date of organization election, September 10, 1924.

**Location:** On both sides of the Bear River for about four miles east of Wheatland in Placer and Yuba counties.

**Area:** Gross, 4089 acres. Developed, 2446 acres.

**Financial: Bonds**—Bonds to the amount of \$200,000 have been voted by the district and validated by the Bond Certification Commission. Three sales totaling \$179,000 have been made.

Dated July 1, 1927.

Due serially, 1937-1956, July 1 of each year, in varying amounts.

Interest 6%.

Outstanding, January 2, 1931----- \$179,000 00

Unsold ----- 21,000 00

Authorized ----- \$200,000 00

## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1936	\$179,000			
1937	169,000	\$10,000	\$10,440	\$20,440
1938	159,000	10,000	9,840	19,840
1939	149,000	10,000	9,240	19,240
1940	139,000	10,000	8,640	18,640
1941	129,000	10,000	8,040	18,040
1942	119,000	10,000	7,440	17,440
1943	109,000	10,000	6,840	16,840
1944	99,000	10,000	6,240	16,240
1945	89,000	10,000	5,640	15,640
1946	79,000	10,000	5,040	15,040
1947	69,000	10,000	4,440	14,440
1948	59,000	10,000	3,840	13,840
1949	49,000	10,000	3,240	13,240
1950	39,000	10,000	2,640	12,640
1951	29,000	10,000	2,040	12,040
1952	19,000	10,000	1,440	11,440
1953	9,000	10,000	840	10,840
1954		9,000	270	9,270
		<u>\$179,000</u>		

**Overlaps:** Sacramento and San Joaquin Drainage District. Four hundred acres in the district are included in Reclamation District 1001.

**Remarks:** Organized to provide storage on Bear River for low season flow. Lands are all held in large ownerships. County tax rates for Placer and Yuba counties are \$2.87 and \$2.61, respectively, per \$100 of assessed valuation.

**CARMICHAEL IRRIGATION DISTRICT**

**Organization:** Date of organization election, January 25, 1916.

**Location:** In Sacramento County, township 9 north, ranges 6 and 7 east, M. D. B. and M., lying along the north bank of the American River.

**Area:** Gross, 3121 acres. Developed, 2100 acres.

**Financial:** *Bonds*—Two bond issues have been voted by the district and validated by the Bond Certification Commission.

First issue:

Dated July 1, 1916.

Due serially, 1923–1942, July 1 each year.

Denominations \$500, \$100.

Interest 6%, Jan.-July 1, by Capital National Bank, Sacramento, California.

Outstanding, January 2, 1931	\$66,600 00
Retired	23,400 00

Authorized	\$90,000 00
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Second issue:

Dated January 1, 1926.

Due serially, 1933–1945, January 1 each year.

Denomination \$500.

Interest 6%, Jan.-July 1, by California National Bank, Sacramento, California.

Outstanding and authorized, January 2, 1931	\$30,000 00
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Outstanding bonded debt, January 2, 1931	\$96,600 00
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Retired	23,400 00
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Authorized	\$120,000 00
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**MATURITIES AND INTEREST**

Year	<i>Outstanding</i>	<i>Maturities</i>	<i>Interest</i>	<i>Total</i>
1930	\$96,600			
1931	92,100	\$4,500	\$5,661	\$10,161
1932	87,600	4,500	5,391	9,891
1933	82,600	5,000	5,091	10,091
1934	77,600	5,000	4,791	9,791
1935	71,700	5,900	4,464	10,364
1936	65,800	5,900	4,110	10,010
1937	59,900	5,900	3,756	9,656
1938	53,500	6,400	3,372	9,772
1939	46,200	7,300	2,961	10,261
1940	38,900	7,300	2,523	9,823
1941	30,700	8,200	2,058	10,258
1942	22,500	8,200	1,566	9,766
1943	15,500	7,500	930	8,430
1944	7,500	7,500	450	7,950
1945		7,500		7,500
		\$96,600		

**Remarks:** About 93% of developed area is planted to vines, fruit and olive trees. Operation and maintenance charges for 1929, exclusive of bond interest and redemption charges, amounted to \$8.22 per acre of gross area.

The county tax rate for Sacramento County is \$2.62 per \$100 of assessed valuation.



MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930	\$183,000			
1931	173,000	\$10,000	\$10,680	\$20,680
1932	163,000	10,000	10,080	20,080
1933	152,000	11,000	9,450	20,450
1934	140,000	12,000	8,760	20,760
1935	128,000	12,000	8,040	20,040
1936	115,000	13,000	7,290	20,290
1937	101,000	14,000	6,480	20,480
1938	86,000	15,000	5,610	20,610
1939	70,000	16,000	4,680	20,680
1940	53,000	17,000	3,690	20,690
1941	35,000	18,000	2,640	20,640
1942	16,000	19,000	1,530	20,530
1943		16,000	480	16,480
		<u>\$183,000</u>		

Remarks: Bond and interest payments have been met. Lands of the district are practically all under cultivation. Annual maintenance and operation costs in 1929 were \$4.68 per gross acre exclusive of bond interest and redemption charges. The tax rates in Sacramento County and Placer County are \$2.62 and \$2.87, respectively, per \$100 of assessed valuation.

COMPTON-DELEVAN IRRIGATION DISTRICT

Organization: Date of organization election, August 16, 1920.

Location: In Colusa County, townships 16 and 17 north, ranges 2 and 3 west, M. D. B. and M., adjoining Glenn-Colusa, Provident and Maxwell Irrigation Districts.

Area: Gross, 12,652 acres. Developed, 12,000 acres.

Financial: Bonds—In November, 1920, bonds to the amount of \$575,000 were voted by the district and validated by the Bond Certification Commission. This entire issue was sold. On September 29, 1924, a refunding issue of \$445,000 was voted by the district to refund the bonds of the first issue. Bonds of this issue to the amount of \$384,000 were validated by the State Irrigation District Bond Commission and of this amount \$273,000 in bonds has been used by the district to refund bonds of the first issue.

First issue:

Dated December 1, 1920.

Due serially, 1922-1936, January 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer at Maxwell, California.

Outstanding, January 2, 1931	\$111,000 00
Retired	139,000 00
Refunded	273,000 00
Destroyed	52,000 00

Authorized \$575,000 00

Refunding issue:

Dated January 1, 1927.

Due serially, 1937-1950, January 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer at Maxwell, California.

Outstanding, January 2, 1931	\$273,000 00
Unissued	111,000 00

Authorized \$384,000 00

Outstanding, January 2, 1931	*\$384,000 00
Retired	139,000 00
Destroyed	52,000 00

Authorized \$575,000 00

\* Includes \$273,000 in refunding bonds.

## DIVISION OF WATER RESOURCES

## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930	\$384,000			
1931	384,000	\$15,000*	\$23,040	\$23,040
1932	384,000	15,000*	23,040	23,040
1933	384,000	30,000*	23,040	23,040
1934	384,000	15,000*	23,040	23,040
1935	384,000	35,000*	23,040	23,040
1936	384,000	9,000*	23,040	23,040
1937	365,000	19,000	21,900	40,900
1938	345,000	20,000	20,700	40,700
1939	324,000	21,000	19,440	40,440
1940	301,000	23,000	18,060	41,060
1941	277,000	24,000	16,620	40,620
1942	251,000	26,000	15,060	41,060
1943	224,000	27,000	13,440	40,440
1944	195,000	29,000	11,700	40,700
1945	164,000	31,000	9,840	40,840
1946	132,000	32,000	7,920	39,920
1947	98,000	34,000	5,880	39,880
1948	62,000	36,000	3,720	39,720
1949	23,000	39,000	1,380	40,380
1950		23,000		23,000
		\$384,000		

\* First issue bonds retired by bonds of refunding issue.

**Overlaps:** Reclamation District No. 2047 and Assessment No. 6, Sacramento and San Joaquin Drainage District.

**Remarks:** Refunding bonds are being exchanged for bonds of the first issue as they become due. Operation and maintenance costs for 1929, exclusive of bond interest and redemption charges, amounted to \$1.10 per acre of gross area. County tax rate for Colusa County is \$2.10 per \$100 of assessed valuation.

## CONSOLIDATED IRRIGATION DISTRICT

**Organization:** Date of organization election, August 23, 1921.

**Location:** On the north side of the Kings River between Fresno and Alta Irrigation Districts, in Fresno, Kings and Tulare counties.

**Area:** Gross, 149,047 acres. Developed, 29,000 acres.

**Financial: Bonds**—Bonds to the amount of \$850,000 were validated by the Bond Certification Commission, and sold by the district.

Dated July 1, 1922.

Due serially, 1924-1933, January 1 each year.

Denomination \$1,000.

Interest 5½%, Jan.-July 1, by District Treasurer at Selma, California.

Outstanding, January 2, 1931

Retired

Authorized

## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930	\$345,000			
1931	235,000	\$110,000	\$12,925	\$122,925
1932	120,000	115,000	6,600	121,600
1933		120,000		120,000
		\$345,000		

**Overlap:** Ward Drainage District.

**Remarks:** Operation and maintenance charges for 1929 were \$1.14 exclusive of bond interest and redemption charges. The county tax rates in Kings County and Tulare County are \$2.55 and \$2.55, respectively, per \$100 of assessed valuation.

## CORCORAN IRRIGATION DISTRICT

**Organization:** Date of organization election, July 28, 1919.

**Location:** In townships 20, 21, 22 and 23 south, ranges 21 and 22 east, surrounding Corcoran in Kings County. Adjoins Lakeland Irrigation District.

**Area:** Gross, 51,605.51 acres. Developed, 35,000 acres.

**Financial: Bonds**—A bond issue of \$760,000 was validated by the Bond Certification Commission and bonds to this amount were sold by the district prior to June, 1921.

Dated January 1, 1920.

Due serially, 1931–1955, January 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer at Corcoran, California.

Outstanding and authorized, January 2, 1931----- \$750,000 00  
 Retired ----- 10,000 00

Authorized ----- \$760,000 00

**MATURITIES AND INTEREST**

Year	Outstanding	Maturities	Interest	Total
1930-----	\$760,000			
1931-----	750,000	\$10,000	\$45,000	\$55,000
1932-----	740,000	10,000	44,400	54,400
1933-----	730,000	10,000	43,800	53,800
1934-----	720,000	10,000	43,200	53,200
1935-----	710,000	10,000	42,600	52,600
1936-----	690,000	20,000	41,400	61,400
1937-----	670,000	20,000	40,200	60,200
1938-----	650,000	20,000	39,000	59,000
1939-----	630,000	20,000	37,800	57,800
1940-----	610,000	20,000	36,600	56,600
1941-----	580,000	30,000	34,800	64,800
1942-----	550,000	30,000	33,000	63,000
1943-----	520,000	30,000	31,200	61,200
1944-----	490,000	30,000	29,400	59,400
1945-----	460,000	30,000	27,600	57,600
1946-----	420,000	40,000	25,200	65,200
1947-----	380,000	40,000	22,800	62,800
1948-----	340,000	40,000	20,400	60,400
1949-----	300,000	40,000	18,000	58,000
1950-----	260,000	40,000	15,600	55,600
1951-----	210,000	50,000	12,600	62,600
1952-----	160,000	50,000	9,600	59,600
1953-----	110,000	50,000	6,600	56,600
1954-----	60,000	50,000	3,600	53,600
1955-----		60,000		60,000
		<u>\$760,000</u>		

**Warrants**—December 31, 1929, \$58,636.00.

**Overlaps:** Tulare Lake Basin Water Storage District, all of Reclamation Districts Nos. 685 and 686, and portions of Reclamation Districts Nos. 690, 705, 749, 780, and 812.

**Remarks:** The district expects to participate in the proposed Pine Flat storage project when this development is carried out.

Operation and maintenance costs for 1929, exclusive of bond interest and redemption charges, amounted to \$0.93 per gross acre. The county tax rate for Kings County is \$2.55 per \$100 of assessed valuation.

**CORDUA IRRIGATION DISTRICT**

**Organization:** Date of organization election, September 22, 1919.

**Location:** In Yuba County, township 16 north, range 4 east, M. D. B. and M., adjoining Brown's Valley Irrigation District.

**Area:** Gross, 5461 acres. Developed, 3000 acres.

**Financial: Bonds**—Two bond issues were validated by the Bond Certification Commission and the bonds sold by the district.

First issue:

Dated June 1, 1920.

Due serially, 1925–1940, July 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, at Bank of Italy, N. T. and S. A., Marysville, California.

## DIVISION OF WATER RESOURCES

Outstanding, January 2, 1931-----	\$120,000 00
Refunded -----	72,000 00
	<hr/>
Authorized -----	\$192,000 00
Second issue:	
Dated June 1, 1921.	
Due serially, 1925-1940, July 1 each year.	
Denomination \$1,000.	
Interest 6%, Jan.-July 1, at Bank of Italy, N. T. and S. A., Marysville, California.	
Outstanding, January 2, 1931-----	\$35,000 00
Refunded -----	30,000 00
Not sold (1938, 1939 and 1940 maturities)-----	10,000 00
	<hr/>
Authorized -----	\$75,000 00
Refunding issue:	
A refunding bond issue was validated by the Bond Certification Commission and refunding bonds to the total amount of \$187,000 are to be used to retire the bonds noted above as same become payable.	
Dated June 1, 1925.	
Due serially, 1941-1951, July 1 each year.	
Denomination \$1,000.	
Interest 6%, Jan.-July 1, at Bank of Italy, N. T. and S. A., Marysville, California.	
Outstanding bonded debt, January 2, 1931-----	*\$257,000 00
Refunded -----	102,000 00
Unissued refunding issue-----	85,000 00
Not sold-----	10,000 00
	<hr/>
Authorized -----	\$454,000 00

\* Includes refunding bonds to the amount of \$102,000.

## MATURITIES AND INTEREST

<i>Year</i>	<i>Outstanding</i>	<i>Maturities</i>	<i>Interest</i>	<i>Total</i>
1930-----	\$257,000	\$17,000*	\$15,420	\$15,420
1931-----	257,000	17,000*	15,420	15,420
1932-----	257,000	17,000*	15,420	15,420
1933-----	257,000	17,000*	15,420	15,420
1934-----	257,000	17,000*	15,420	15,420
1935-----	257,000	17,000*	15,420	15,420
1936-----	240,000	17,000	14,910	31,910
1937-----	223,000	17,000	13,890	30,890
1938-----	211,000	12,000	13,020	25,020
1939-----	199,000	12,000	12,300	24,300
1940-----	187,000	12,000	11,580	23,580
1941-----	170,000	17,000	10,710	27,710
1942-----	153,000	17,000	9,690	26,690
1943-----	136,000	17,000	8,670	25,670
1944-----	119,000	17,000	7,650	24,650
1945-----	102,000	17,000	6,630	23,630
1946-----	85,000	17,000	5,610	22,610
1947-----	68,000	17,000	4,590	21,590
1948-----	51,000	17,000	3,570	20,570
1949-----	34,000	17,000	2,550	19,550
1950-----	17,000	17,000	1,530	18,530
1951-----		17,000	510	17,510
		<hr/>		
		\$257,000		

\* Settling first and second issue with refunding bonds.

Remarks: This is a rice growing district. Annual charges for 1929, exclusive of bond interest and redemption charges, were \$2.11 per gross acre. The Yuba County tax rate is \$2.61 per \$100 of assessed valuation.

**CRESCENT IRRIGATION DISTRICT**

**Organization:** Date of organization election, February 5, 1925.  
**Location:** In Fresno and Kings counties, townships 17 and 18 south, ranges 18 and 19 east, M. D. B. and M., adjoining Stinson, Riverdale and Laguna Irrigation Districts.  
**Area:** Gross, 13,150 acres. Developed, 13,000 acres.  
**Financial:** *Bonds*—No bonds have been voted by the district to date.  
**Overlaps:** Reclamation District No. 781.  
**Remarks:** District was formed to participate in Pine Flat storage project. It owns no irrigation works at present. The county tax rates for Fresno and Kings counties are \$2.20 and \$2.55, respectively, per \$100 of assessed valuation.

**DEER CREEK IRRIGATION DISTRICT**

**Organization:** Date of organization election, August 31, 1928.  
**Location:** In townships 24 and 25 north, ranges 1 and 2 west, M. D. B. and M., on Deer Creek, near Vine, Tehama County.  
**Area:** Gross, 2192 acres. Developed, 2050 acres.  
**Financial:** *Bonds*—The district has sold one bond issue totaling \$25,000. These bonds bear interest at 6% and are due serially, 1929 to 1938. July 1 each year.  
 Outstanding bonded debt, January 2, 1931----- \$20,000 00  
 Retired ----- 5,000 00  
 Authorized ----- \$25,000 00

**MATURITIES AND INTEREST**

Year	Outstanding	Maturities	Interest	Total
1930-----	\$20,000			
1931-----	17,500	\$2,500	\$1,125	\$3,625
1932-----	15,000	2,500	975	3,475
1933-----	12,500	2,500	825	3,325
1934-----	10,000	2,500	675	3,175
1935-----	7,500	2,500	525	3,025
1936-----	5,000	2,500	375	2,875
1937-----	2,500	2,500	225	2,725
1938-----		2,500	75	2,575
		\$20,000		

**Remarks:** Irrigation works were completed in October, 1928. Operation and maintenance costs for 1929, exclusive of bond interest and redemption charges, amounted to \$0.98 per acre of gross area. The Tehama County tax rate is \$2.60 per \$100 of assessed valuation.

**EAST CONTRA COSTA IRRIGATION DISTRICT**

**Organization:** Date of organization election, August 16, 1926. (A consolidation of Brentwood, Knightsen and Lone Tree Irrigation districts which was formed under a special act approved June 1, 1921, and amended in 1925.)  
**Location:** In Contra Costa County, townships 1 and 2 north, Ranges 2 and 3 east, M. D. B. and M., surrounding the towns of Brentwood and Knightsen.  
**Area:** Gross, 20,200 acres. Developed, 20,000 acres.  
**Financial:** *Bonds*—Bonds had been issued by each of the three original districts before the consolidation. All of these issues were validated by the Bond Certification Commission.  
 First—Knightsen Irrigation District:  
 Dated July 1, 1921.  
 Due serially 1927-1946, July 1 each year.  
 Denomination \$1,000.

## DIVISION OF WATER RESOURCES

Interest 6%, Jan.-July 1, by Treasurer of East Contra Costa Irrigation District at Bank of America of California, Brentwood, California.

Outstanding, January 2, 1931----- \$585,000 00  
Retired ----- 65,000 00

Authorized ----- \$650,000 00

## Second—Lone Tree Irrigation District:

Dated March 1, 1922.

Due serially, 1933-1947, January 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by Treasurer of East Contra Costa Irrigation District at Bank of America of California, Brentwood, California.

Outstanding, January 2, 1931----- \$137,000 00  
Destroyed (due 1928-1933) ----- 23,000 00

Authorized ----- \$160,000 00

## Third—Brentwood Irrigation District:

Dated January 1, 1924.

Due serially, 1935-1954, January 1 each year.

Denomination \$1,000, \$140.

Interest 6%, Jan.-July 1, by Treasurer of East Contra Costa Irrigation District at Bank of America of California, Brentwood, California.

Outstanding and authorized, January 2, 1931----- \$514,000 00

Outstanding bonded debt, January 2, 1931----- \$1,236,000 00

Retired ----- 65,000 00

Destroyed ----- 23,000 00

Authorized ----- \$1,324,000 00

## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930	\$1,236,000			
1931	1,210,000	\$26,000	\$73,380	\$99,380
1932	1,184,000	26,000	71,820	95,820
1933	1,153,000	31,000	69,960	100,960
1934	1,121,000	32,000	68,040	100,040
1935	1,071,720	49,280	65,263	114,543
1936	1,021,440	50,280	62,186	112,466
1937	965,020	56,420	58,891	115,311
1938	908,600	56,420	55,506	111,926
1939	841,040	67,560	51,632	119,192
1940	772,480	68,560	47,518	116,078
1941	702,920	69,560	43,345	112,905
1942	633,360	69,560	39,171	108,731
1943	552,660	80,700	34,509	115,209
1944	469,960	82,700	29,577	112,277
1945	381,260	88,700	24,435	113,135
1946	290,560	90,700	18,993	109,693
1947	246,720	43,840	14,803	58,643
1948	215,880	30,840	12,952	43,792
1949	185,040	30,840	11,102	41,942
1950	154,200	30,840	9,252	40,092
1951	118,220	35,980	7,093	43,073
1952	82,240	35,980	4,934	40,914
1953	41,120	41,120	2,467	43,587
1954		41,120		41,120
		\$1,236,000		

Overlaps: Sacramento and San Joaquin Drainage District (Assessment No. 2).

Remarks: The district lands are nearly all cultivated. Annual operation and maintenance costs for the year 1929, exclusive of bond interest and redemption charges, amounted to \$5.55 per gross acre. The tax rate for Contra Costa County is \$2.40 per \$100 assessed valuation.

**EL CAMINO IRRIGATION DISTRICT**

**Organization:** Date of organization election, March 26, 1921.

**Location:** In Tehama County, townships 25 and 26 north, range 3 west, M. D. B. and M., west of Tehama and Gerber.

**Area:** Gross, 7548 acres. Developed, 5172 acres.

**Financial: Bonds**—Bonds to the amount of \$430,000 were validated by the Bond Certification Commission.

Dated November 1, 1926.

Due serially, 1937-1956, January 1 each year: \$11,000, 1937, thereafter in varying amounts to \$15,000, 1956.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by Bank of Tehama County, Red Bluff, California.

Outstanding bonded debt, January 2, 1931-----\$423,000 00

Unissued ----- 7,000 00

Authorized ----- \$430,000 00

**Remarks:** District in default on bond interest payment due January 1, 1931. About 23% of developed area is in fruit and vines. Annual operation and maintenance costs for 1929, exclusive of bond interest and redemption charges, amounted to \$6.43 per acre of gross area. The county tax rate for Tehama County is \$2.60 per \$100 of assessed valuation.

**EL DORADO IRRIGATION DISTRICT**

**Organization:** Date of organization election, September 22, 1925.

**Location:** Surrounding Placerville and Camino in the foothills of El Dorado County.

**Area:** Gross, 30,703 acres. Developed, 6000 acres.

**Financial: Bonds**—Bonds to the amount of \$1,300,000 were voted by the district and validated by the Bond Certification Commission. To date \$688,000 of this issue has been sold.

Dated March 1, 1927.

Due serially, 1948-1967, January 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer at Placerville, California.

Outstanding bonded debt, January 2, 1931----- \$688,000 00

Unissued ----- 612,000 00

Authorized ----- \$1,300,000 00

**MATURITIES AND INTEREST**

Year	Outstanding	Maturities	Interest	Total
1947-----	\$688,000			
1948-----	668,000	\$20,000	\$40,080	\$60,080
1949-----	648,000	20,000	38,880	58,880
1950-----	621,000	27,000	37,260	64,260
1951-----	591,000	30,000	35,460	65,460
1952-----	552,000	39,000	33,120	72,120
1953-----	517,000	35,000	31,020	66,020
1954-----	482,000	35,000	28,920	63,920
1955-----	448,000	34,000	26,880	60,880
1956-----	413,000	35,000	24,780	59,780
1957-----	383,000	30,000	22,980	52,980
1958-----	338,000	45,000	20,280	65,280
1959-----	306,000	32,000	18,360	50,360
1960-----	268,000	38,000	16,080	54,080
1961-----	240,000	28,000	14,400	42,400
1962-----	220,000	20,000	13,200	33,200
1963-----	190,000	30,000	11,400	41,400
1964-----	145,000	45,000	8,700	53,700
1965-----	105,000	40,000	6,300	46,300
1966-----	55,000	50,000	3,300	53,300
1967-----		55,000		55,000
				<u>\$688,000</u>

**Remarks:** Irrigation works contemplated are partially completed. Practically entire developed area is in deciduous fruits. The county tax rate for El Dorado County is \$2.65 per \$100 of assessed valuation.

### EL NIDO IRRIGATION DISTRICT

**Organization:** Date of organization election, April 22, 1929.

**Location:** In Merced County, township 9 south, ranges 13 and 14 east, M. D. B. and M.

**Area:** Gross, 9400 acres. Developed, 4106 acres.

**Financial: Bonds**—Bonds to the amount of \$135,000, bearing interest at 6%, have been validated by the Bond Certification Commission. Maturities have been fixed as follows: Due serially, 1934-1951, January 1 each year, \$2,000, 1934; \$3,000, 1935; \$4,000, 1936; \$5,000, 1937-1938; \$6,000, 1939-1941; \$7,000, 1942; \$8,000, 1943-1944; \$9,000, 1945-1946; \$10,000, 1947; \$11,000, 1948-1949; \$12,000, 1950; \$13,000, 1951.

**Overlaps:** Reclamation District No. 1664.

**Remarks:** District is to purchase water from Merced Irrigation District and plans to build a canal system for delivering this water. County tax rate for Merced County is \$3.30 per \$100 of assessed valuation.

### FAIROAKS IRRIGATION DISTRICT

**Organization:** Date of organization election, March 12, 1917.

**Location:** In Sacramento County, township 9 north, ranges 6 and 7 east, M. D. B. and M., along the north side of the American River.

**Area:** Gross, 3900 acres. Developed, 2600 acres.

**Financial: Bonds**—Of an issue of \$200,000 voted by the district and validated by the Bond Certification Commission, bonds to the amount of \$160,000 have been sold.

Dated July 1, 1918.

Due serially, 1924-1943, July 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by Fair Oaks Bank, Fair Oaks, California.

Outstanding, January 2, 1931	\$116,000 00
Retired	44,000 00
Not sold (due 1941, 1942 and 1943)	40,000 00

Authorized	\$200,000 00
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### MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930	\$116,000			
1931	108,000	\$8,000	\$6,720	\$14,720
1932	98,000	10,000	6,180	16,180
1933	88,000	10,000	5,580	15,580
1934	78,000	10,000	4,980	14,980
1935	68,000	10,000	4,380	14,380
1936	56,000	12,000	3,720	15,720
1937	44,000	12,000	3,000	15,000
1938	32,000	12,000	2,280	14,280
1939	20,000	12,000	1,560	13,560
1940	6,000	14,000	780	14,780
1941		6,000	180	6,180
		\$116,000		

**Remarks:** The district lands are chiefly in small holdings which are almost entirely planted in vines and citrus and deciduous fruits. Annual operation and maintenance charges for 1929, exclusive of bond interest and redemption charges, amounted to \$6.74 per acre of gross area. The county tax rate for Sacramento County is \$2.62 per \$100 of assessed valuation.

FALLBROOK IRRIGATION DISTRICT

**Organization:** Date of organization election, April 28, 1925.

**Location:** In San Diego County, townships 9 and 10 south, ranges 3 and 4 west, S. B. B. and M.

**Area:** Gross, 10,216 acres.

**Financial:** *Bonds*—No bonds have been issued.

*Warrants*—\$3,479.99.

**Remarks:** District is awaiting outcome of litigation concerning water rights.

FOOTHILL IRRIGATION DISTRICT

**Organization:** Date of organization election, May 3, 1920.

**Location:** In Fresno and Tulare counties (borders Ata Irrigation District on the East).

**Area:** Gross, 50,687 acres. Developed, 40,070 acres.

**Financial:** *Bonds*—Bonds to the amount of \$2,270,000 have been voted and offered for sale, but to date no bonds have been sold.

*Warrants*—\$10,330.66

**Remarks:** District expects to participate in Pine Flat storage project.

FRESNO IRRIGATION DISTRICT

**Organization:** Date of organization election, June 28, 1920.

**Location:** In Fresno County, south of San Joaquin River and surrounding Fresno.

**Area:** Gross, 241,300 acres. Developed, 241,300 acres.

**Financial:** *Bonds*—Two bond issues totaling \$2,000,000 were validated by the Bond Certification Commission and sold by the district.

First issue:

Dated March 1, 1921.

Due serially, 1923-1932, January 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer at Fresno, California.

Outstanding, January 2, 1931	-----	\$222,000	00
Retired	-----	1,528,000	00

Authorized	-----	\$1,750,000	00
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Second issue:

Dated March 1, 1921.

Due serially, 1923-1932, January 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer at Fresno, California.

Outstanding, January 2, 1931	-----	\$33,000	00
Retired	-----	217,000	00

Authorized	-----	\$250,000	00
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Outstanding bonded debt, January 2, 1931	-----	\$255,000	00
Retired	-----	1,745,000	00

Authorized	-----	\$2,000,000	00
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MATURITIES AND INTEREST

<i>Year</i>	<i>Outstanding</i>	<i>Maturities</i>	<i>Interest</i>	<i>Total</i>
1930	\$500,000			
1931	255,000	\$245,000	\$15,300	\$260,300
1932		255,000		255,000
		<u>\$500,000</u>		

**Overlaps:** Alluvial Drainage District.

**Remarks:** All bonds should be retired by 1933. Approximately 50% of the developed area is in deciduous fruits, citrus fruits and vines. Annual operation and maintenance costs for 1929, exclusive of bond interest and redemption charges, amounted to \$0.59 per acre of gross area. The county tax rate for Fresno County is \$2.20 per \$100 of assessed valuation.

### GLENN-COLUSA IRRIGATION DISTRICT

**Organization:** Date of organization election, March 2, 1920. Enlarged in 1924 by consolidation with Williams Irrigation District (organized April 13, 1920).

**Location:** In Glenn and Colusa counties, on west side of Sacramento Valley, extending from four miles south of Williams to seven miles north of Willows.

**Area:** Gross, 121,592 acres. Developed, 109,000 acres.

**Financial: Bonds**—Glenn-Colusa Irrigation District has sold bonds totaling \$2,887,000 in two issues, both of which were validated by the Bond Certification Commission.

First issue:

Dated October 1, 1920.

Due serially, 1922-1941, January 1 each year.

Denominations \$1,000, \$250, \$100.

Interest 6%, Jan.-July 1, by District Treasurer, Willows, California.

Outstanding, January 2, 1931	\$1,267,500 00
Retired (paid off at maturity)	851,650 00
Funded	285,000 00
Not issued (matured in treasury)	182,850 00

Authorized \$2,587,000 00

Second issue (refunding):

Dated November 1, 1924.

Due serially, 1935-1941, January 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer, Willows, California.

The lien of these bonds covers the entire acreage of the new district as consolidated June 16, 1924.

Outstanding, January 2, 1931	\$285,000 00
Not issued	15,000 00

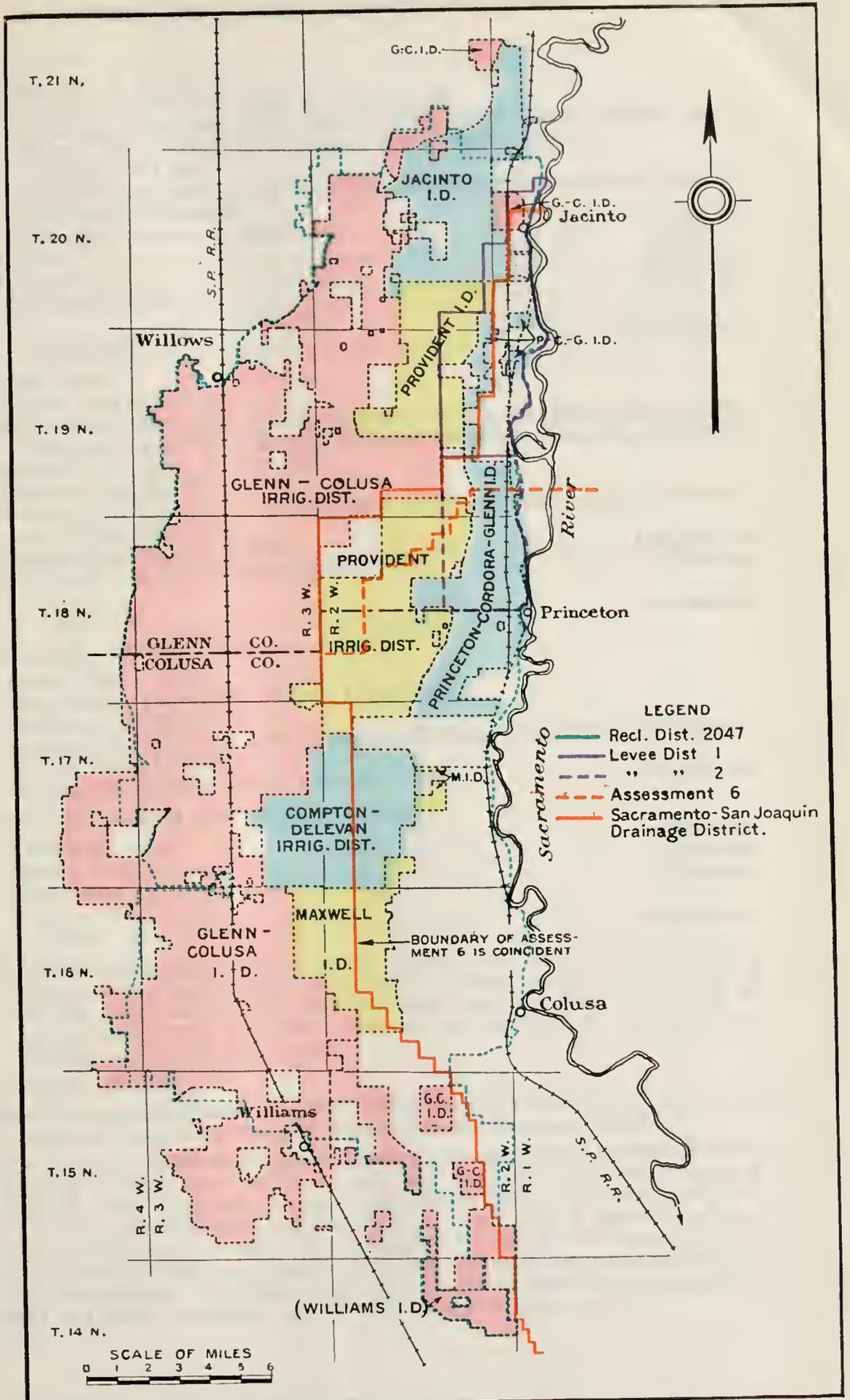
Authorized \$300,000 00

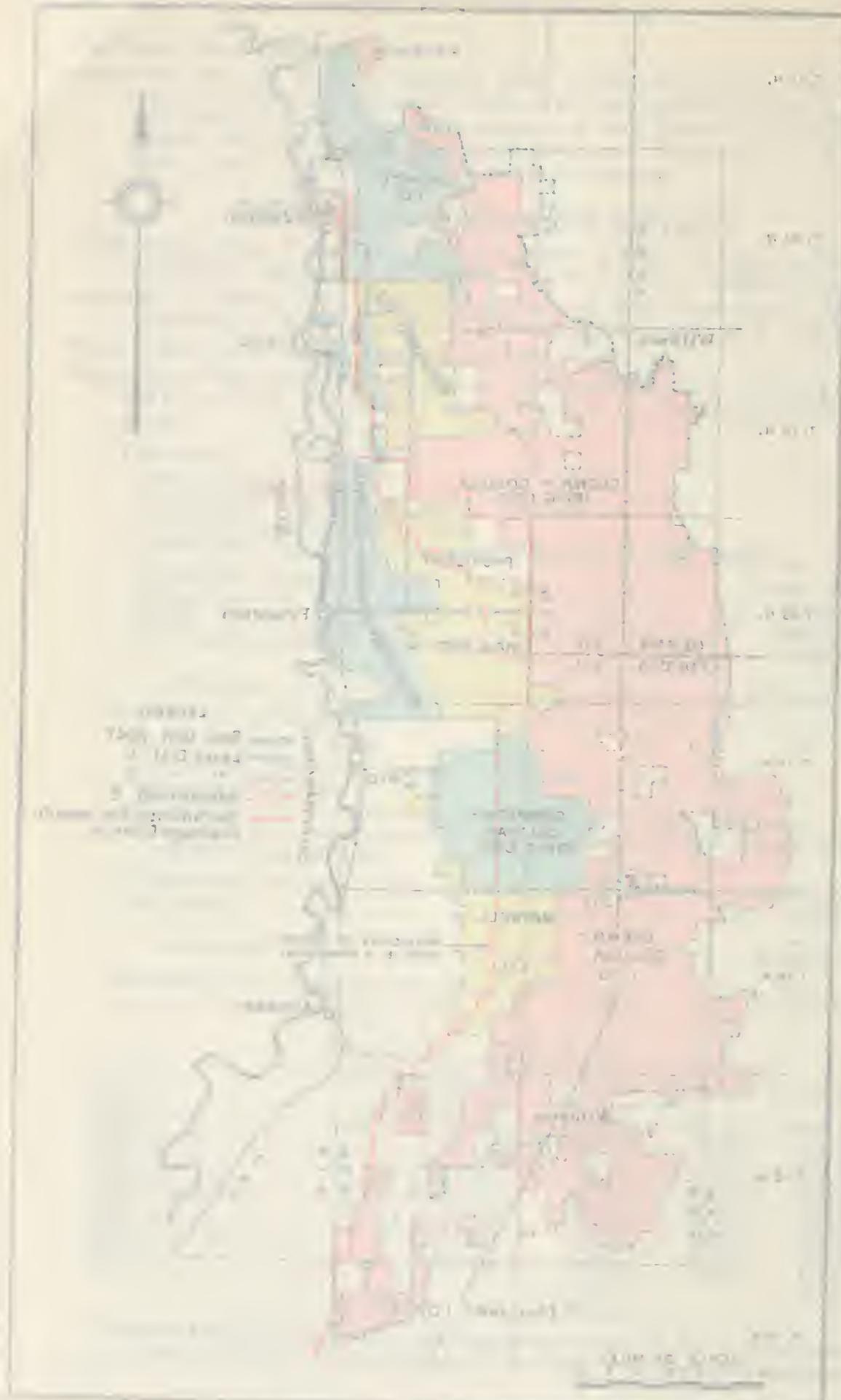
The bonds of the second issue have been used to take up in part the bonds of the first issue maturing since 1925.

#### MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930	\$1,659,850			
1931	1,552,500	\$107,350	\$93,150	\$200,500
1932	1,439,150	113,350	86,349	199,699
1933	1,318,800	120,350	79,218	199,468
1934	1,189,450	129,350	71,367	200,717
1935	1,053,100	136,350	63,186	199,536
1936	908,750	144,350	54,525	198,875
1937	755,400	153,350	45,324	198,674
1938	594,050	161,350	35,643	196,993
1939	423,700	170,350	25,422	195,772
1940	240,350	183,350	14,421	197,771
1941		240,350		240,350
		\$1,659,850		

Williams Irrigation District has sold bonds totaling \$1,198,000 in three issues, the first of which was not validated by the Bond Certification Commission.





Map of the United States showing the distribution of Cattle and Horses, Wool, and Hides and Skins. Prepared by the Department of Agriculture, Bureau of Animal Industry, Washington, D.C., 1915.

## First issue :

Dated July 1, 1921.

Due serially, 1923-1937, January 1 each year.

Outstanding \$2,000, due 1927; \$5,000, 1928; \$15,000, 1930; \$8,000, 1931;  
\$11,000, 1932; \$7,000, 1933; \$5,000, 1934; \$6,000, 1935.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by Treasurer of Glenn-Colusa Irrigation District  
at Willows, California.

Outstanding, January 2, 1931-----	\$59,000 00
Retired -----	62,000 00
Refunded -----	332,000 00
Not issued (closed) -----	147,000 00

Authorized -----	\$600,000 00
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## Second issue :

Dated January 1, 1924.

Due serially, 1942-1961, January 1 each year: \$15,000, 1942-1944; \$20,000,  
1945-1946; \$25,000, 1948-1950; \$30,000, 1951-1953; \$35,000, 1954-1955;  
\$40,000, 1956-1960; \$31,000, 1961.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by Treasurer of Glenn-Colusa Irrigation District  
at Willows, California.

Outstanding, January 2, 1931-----	\$494,000 00
Not issued (maturities 1955-1958) -----	\$7,000 00

Authorized -----	\$581,000 00
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## Third issue (Williams Irrigation District) :

Dated June 1, 1924.

Due serially, 1945-1961, January 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by Treasurer of Glenn-Colusa Irrigation District  
at Willows, California.

Outstanding and authorized, January 2, 1931-----	\$17,000 00
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## Outstanding bonded debt, January 2, 1931 :

First issue -----	\$59,000 00
Second issue -----	494,000 00
Third issue -----	17,000 00

Total -----	\$570,000 00
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The lien of these bonds only covers the lands of the old Williams Irrigation District. The bonds of the second issue are being used to refund those of the first issue and, in part with the third issue, for new construction (a total of \$332,000 of the second issue having been used for refunding and \$162,000 for construction to date).

Warrants—\$41,700.

**Overlaps:** Reclamation District No. 2047, Glenn County Levee District No. 1, and Assessment No. 6 of Sacramento and San Joaquin Drainage District.

**Remarks:** Bonds of Williams Irrigation District to the amount of \$29,000 due since January 1, 1927, have not been paid, nor has interest to the amount of \$150,180. The lands of the district are almost 100% delinquent and bondholders have been requested to deposit their bonds with a bondholders' committee. The lands of Glenn-Colusa Irrigation District are not security for the bonded debt of Williams Irrigation District, although the two districts have been consolidated. The county tax rates for Glenn and Colusa counties are \$2.14 and \$2.10, respectively, per \$100 of assessed valuation.

## GRENADA IRRIGATION DISTRICT

**Organization:** Date of organization election, February 8, 1921.

**Location:** In Shasta Valley, Siskiyou County, townships 43 and 44 north, ranges 5 and 6 west, M. D. B. and M.

**Area:** Gross, 4948 acres. Developed, 2200 acres.

**Financial: Bonds**—Bonds to the amount of \$240,000 have been validated by the Bond Certification Commission and sold by the district.

## First issue:

Dated July 1, 1921.

Due serially, 1926-1940, July 1, \$16,000 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer at Grenada, California.

Outstanding and authorized, January 2, 1931----- \$240,000 00

District has presented for the approval of the Bond Certification Commission a refunding issue of \$136,000 as shown below:

## Refunding issue:

Dated July 1, 1931.

Due serially, July 1 each year.

Denomination \$500.

Interest: 3% to December 31, 1931; 4% to December 31, 1932; 6% to January, 1933-1970; by District Treasurer at Grenada, California.

## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1937-----	\$136,000			
1938-----	135,000	\$1,000	\$8,130	\$9,130
1939-----	134,000	1,000	8,070	9,070
1940-----	133,000	1,000	8,010	9,010
1941-----	132,000	1,000	7,950	8,950
1942-----	130,000	2,000	7,860	9,860
1943-----	128,000	2,000	7,740	9,740
1944-----	126,000	2,000	7,620	9,620
1945-----	124,000	2,000	7,500	9,500
1946-----	122,000	2,000	7,380	9,380
1947-----	119,000	3,000	7,230	10,230
1948-----	116,000	3,000	7,050	10,050
1949-----	113,000	3,000	6,870	9,870
1950-----	110,000	3,000	6,690	9,690
1951-----	107,000	3,000	6,510	9,510
1952-----	103,000	4,000	6,300	10,300
1953-----	99,000	4,000	6,060	10,060
1954-----	95,000	4,000	5,820	9,820
1955-----	91,000	4,000	5,580	9,580
1956-----	87,000	4,000	5,340	9,340
1957-----	82,000	5,000	5,070	10,070
1958-----	77,000	5,000	4,770	9,770
1959-----	72,000	5,000	4,470	9,470
1960-----	67,000	5,000	4,170	9,170
1961-----	62,000	5,000	3,870	8,870
1962-----	56,000	6,000	3,540	9,540
1963-----	50,000	6,000	3,180	9,180
1964-----	44,000	6,000	2,820	8,820
1965-----	38,000	6,000	2,460	8,460
1966-----	32,000	6,000	2,100	8,100
1967-----	24,000	8,000	1,680	9,680
1968-----	16,000	8,000	1,200	9,200
1969-----	8,000	8,000	720	8,720
1970-----		8,000	240	8,240

\$136,000

Warrants—\$12,529.98.

**Remarks:** District has been unable to meet interest payments on bonds or to pay maturities. Delinquent taxes as of February 2, 1930, amounted to \$161,248. All bonds were deposited with a bondholders' committee and a reorganization scheme worked out under which the acreage of the district was reduced to 2066 acres and the bonded debt to \$136,000. The old bonds are to be refunded at \$0.50 on the dollar, part of the district's indebtedness canceled on the same basis and \$5,000 additional provided for reorganization purposes. Annual maintenance and operation costs in 1929, exclusive of bond, interest and

redemption charges, amounted to \$4.53 per acre of gross area. The county tax rate for Siskiyou County is \$3.11 per \$100 assessed valuation.

**HEMET IRRIGATION DISTRICT**

**Organization:** Date of organization election, September 6, 1927.

**Location:** In Riverside County, township 5 south, ranges 1 east and 1 west, S. B. B. and M.

**Area:** Gross, 9815 acres. Developed, 9800 acres.

**Financial: Bonds**—No bonds have been issued by the district.

**Remarks:** District has been negotiating with private interests for the purchase of water rights and irrigation works. The legality of formation is in litigation and has not as yet been definitely decided. The district is practically all planted to walnuts, deciduous and citrus fruits.

The county tax rate for Riverside County is \$3.39 per \$100 of assessed valuation.

**HOT SPRING VALLEY IRRIGATION DISTRICT**

**Organization:** Date of organization election, September 27, 1919.

**Location:** In Modoc County, along the Pit River between Alturas and Canby.

**Area:** Gross, 9497 acres. Developed, 9497 acres.

**Financial: Bonds**—Two bond issues have been validated by the Bond Certification Commission and sold by the district.

First issue:

Dated May 1, 1920.

Due serially, 1923-1936, January 1 each year.

Denomination \$500.

Interest 6%, Jan.-July 1, by Bank of America of California, Alturas, California.

Outstanding, January 2, 1931----- \$40,000 00

Retired ----- 60,000 00

Authorized ----- \$100,000 00

Second issue:

Dated October 15, 1921.

Due serially, 1927-1939, January 1 each year.

Denomination \$500.

Interest 6%, Jan.-July 1, by Bank of America of California, Alturas, California.

Outstanding, January 2, 1931----- \$51,000 00

Retired ----- 9,000 00

Authorized ----- \$60,000 00

Outstanding bonded debt, January 2, 1931----- \$91,000 00

Retired ----- 69,000 00

Authorized ----- \$160,000 00

**MATURITIES AND INTEREST**

Year	Outstanding	Maturities	Interest	Total
1930-----	\$102,000			
1931-----	91,000	\$11,000*	\$5,460	\$16,460
1932-----	80,000	11,000	4,800	15,800
1933-----	68,000	12,000	4,080	16,080
1934-----	56,000	12,000	3,360	15,360
1935-----	43,000	13,000	2,580	15,580
1936-----	30,000	13,000	1,800	14,800
1937-----	20,000	10,000	1,200	11,200
1938-----	10,000	10,000	600	10,600
1939-----		10,000		10,000

Warrants—\$6,400.

\$102,000

\*\$11,000 in bonds due January 1, 1931, reported unpaid.

Remarks: The annual operating and maintenance costs for 1929, exclusive of bond interest and redemption charges, amounted to \$0.64 per acre of gross area. The county tax rate for Modoc County is \$2.81 per \$100 of assessed valuation.

### IMPERIAL IRRIGATION DISTRICT

Organization: Date of organization election, July 25, 1911.

Location: In Imperial Valley, between Salton Sea and the California-Mexico line, Imperial County.

Area: Gross, 605,000 acres. Developed, 515,000 acres.

Financial: Bonds—Four bond issues, totaling \$16,000,000, have been validated by the Bond Certification Commission and sold by the district.

First issue:

Dated January 1, 1915.

Due serially, 1936-1955, January 1 each year.

Denominations \$1,000 and \$500.

Interest 5%, Jan.-July 1, by District Treasurer, El Centro, California.

Outstanding and authorized, January 2, 1931-----\$3,500,000 00

Second issue:

Dated July 1, 1917.

Due serially, 1938-1957, July 1 each year.

Denomination \$1,000.

Interest 5%, Jan.-July 1, by District Treasurer, El Centro, California.

Outstanding and authorized, January 2, 1931-----\$2,500,000 00

Third issue:

Dated October 1, 1919.

Due serially, 1925-1934, July 1 each year.

Denomination \$1,000.

Interest 5½%, Jan.-July 1, by District Treasurer, El Centro, California.

Outstanding and authorized, January 2, 1931-----\$1,350,000 00

Retired ----- 1,150,000 00

Authorized ----- \$2,500,000 00

Fourth issue:

Dated July 1, 1922.

Due serially, 1935-1956, July 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer, El Centro, California.

Outstanding and authorized, January 2, 1931-----\$7,500,000 00

Outstanding bonded debt, January 2, 1931-----\$14,850,000 00

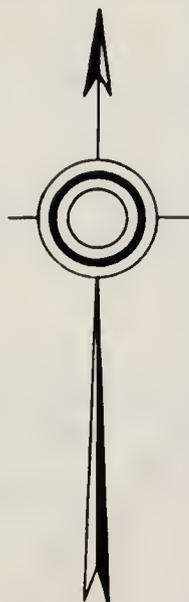
Retired ----- 1,150,000 00

Authorized ----- \$16,000,000 00

#### MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930	\$14,850,000			
1931	14,550,000	\$300,000	\$816,000	\$1,116,000
1932	14,250,000	300,000	799,500	1,099,500
1933	13,900,000	350,000	781,625	1,131,625
1934	13,500,000	400,000	761,000	1,161,000
1935	13,078,000	422,000	737,340	1,159,340
1936	12,631,000	447,000	709,870	1,156,870
1937	12,165,000	466,000	683,180	1,149,180
1938	11,697,000	468,000	655,410	1,123,410
1939	11,215,000	482,000	628,460	1,110,460
1940	10,721,000	494,000	600,155	1,094,155
1941	10,214,000	507,000	572,275	1,079,275
1942	9,682,000	532,000	543,380	1,075,380
1943	9,122,000	560,000	513,020	1,073,020
1944	8,543,000	579,000	480,550	1,059,550
1945	7,934,000	600,000	447,660	1,056,660
1946	7,301,000	633,000	413,275	1,046,275

R.16E. R.17E. R.18E. R.19E.  
T.7S.



T.8S.

T.9S.

T.10S.

T.11S.

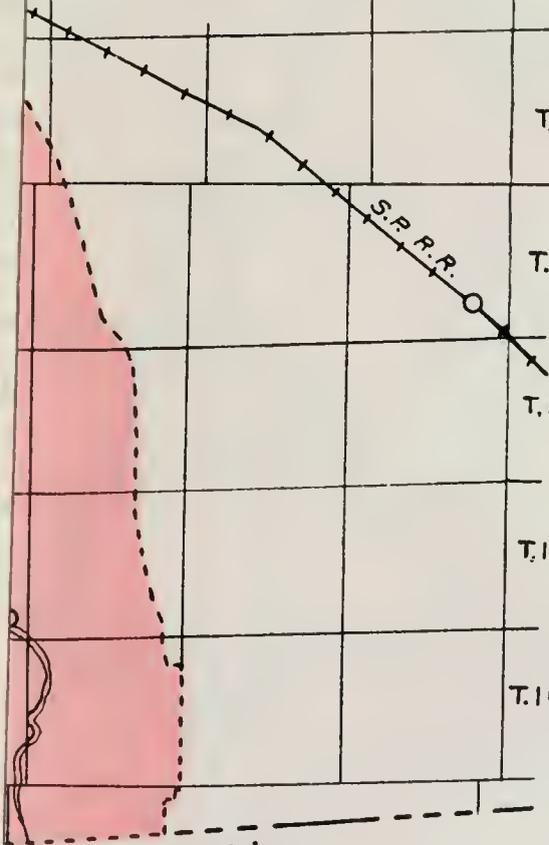
T.12S.

T.13S.

T.14S.

T.15S.

T.16S.



CO

Line

CALIFORNIA

R.8.E. R.9.E. R.10.E. R.11.E. R.12.E. R.13.E. R.14.E. R.15.E. R.16.E. R.17.E. R.18.E. R.19.E.

T.7.S.

T.8.S.

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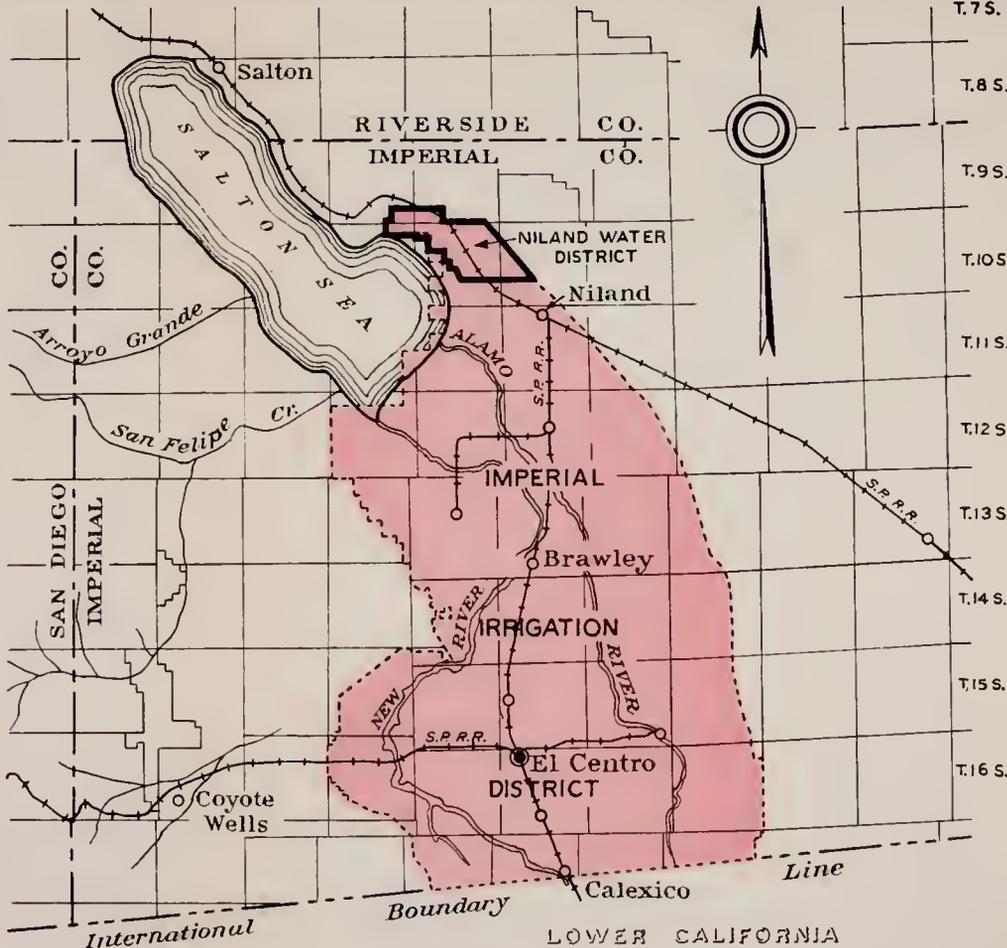
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International

Boundary

Line

LOWER CALIFORNIA

MILES



Year	Outstanding	Maturities	Interest	Total
1947-----	\$6,628,000	\$673,000	\$377,095	\$1,050,095
1948-----	5,910,000	718,000	337,665	1,055,665
1949-----	5,242,000	668,000	299,435	967,435
1950-----	4,562,000	680,000	262,470	942,470
1951-----	3,885,000	677,000	225,360	902,360
1952-----	3,190,000	695,000	187,100	882,100
1953-----	2,495,000	695,000	149,350	844,350
1954-----	1,740,000	755,000	109,225	864,225
1955-----	985,000	755,000	68,475	823,475
1956-----	200,000	785,000	32,550	817,550
1957-----		200,000	5,000	205,000

\$14,850,000

Overlaps: Niland Water District.

Remarks: This is the largest irrigation district in California. Water is delivered to lands in Mexico as well as those within the district, all transactions in Mexico being carried on by a Mexican subsidiary, Compania de Terrenos y Aguas de la Baja California, S. A. The district is well established. Annual operation and maintenance costs for 1929, exclusive of bond interest and redemption charges, amounted to \$3.14 per acre of gross area. The county tax rate for Imperial County is \$2.63 per \$100 of assessed valuation.

### ISLAND No. 3 IRRIGATION DISTRICT

Organization: Date of organization election, May 3, 1921.

Location: In Kings County, township 17 south, range 22 east, M. D. B. and M., lying between Cole Slough, Dutch John Cut and Kings River.

Area: Gross, 4620 acres. Developed, 4200 acres.

Financial: Bonds—This district has voted no bonds.

Overlaps: The lands of the district are in Reclamation District No. 771, but there are no outstanding reclamation bonds.

Remarks: The district operates on a cash basis. Water is obtained from Consolidated Irrigation District under water right contracts. The county tax rate in Kings County is \$2.55 per \$100 of assessed valuation.

### JACINTO IRRIGATION DISTRICT

Organization: Date of organization election, August 15, 1917.

Location: In Glenn County, townships 20 and 21 north, range 2 west, M. D. B. and M., lying west of the Sacramento River.

Area: Gross, 11,554 acres. Developed, 11,500 acres.

Financial: Bonds—One issue to the amount of \$238,000 has been validated by the Bond Certification Commission and sold by the district.  
Dated December 1, 1920.

Due serially, 1923-1942, January 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by First National Bank, Willows, California.

Outstanding, January 2, 1931----- \$168,000 00

Retired ----- 70,000 00

Authorized ----- \$238,000 00

### MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930-----	\$178,000			
1931-----	168,000	\$10,000	\$10,080	\$20,080
1932-----	157,000	11,000	9,420	20,420
1933-----	145,000	12,000	8,700	20,700
1934-----	132,000	13,000	7,920	20,920
1935-----	118,000	14,000	7,080	21,080
1936-----	104,000	14,000	6,240	20,240
1937-----	89,000	15,000	5,340	20,340
1938-----	73,000	16,000	4,380	20,380
1939-----	56,000	17,000	3,360	20,360
1940-----	38,000	18,000	2,280	20,280
1941-----	19,000	19,000	1,140	20,140
1942-----		19,000		19,000

\$178,000



Year	Outstanding	Maturities	Interest	Total
1947-----	\$6,628,000	\$673,000	\$377,095	\$1,050,095
1948-----	5,910,000	718,000	337,665	1,055,665
1949-----	5,242,000	668,000	299,435	967,435
1950-----	4,562,000	680,000	262,470	942,470
1951-----	3,885,000	677,000	225,360	902,360
1952-----	3,190,000	695,000	187,100	882,100
1953-----	2,495,000	695,000	149,350	844,350
1954-----	1,740,000	755,000	109,225	864,225
1955-----	985,000	755,000	68,475	823,475
1956-----	200,000	785,000	32,550	817,550
1957-----		200,000	5,000	205,000

\$14,850,000

Overlaps: Niland Water District.

Remarks: This is the largest irrigation district in California. Water is delivered to lands in Mexico as well as those within the district, all transactions in Mexico being carried on by a Mexican subsidiary, Compania de Terrenos y Aguas de la Baja California, S. A. The district is well established. Annual operation and maintenance costs for 1929, exclusive of bond interest and redemption charges, amounted to \$3.14 per acre of gross area. The county tax rate for Imperial County is \$2.63 per \$100 of assessed valuation.

### ISLAND No. 3 IRRIGATION DISTRICT

Organization: Date of organization election, May 3, 1921.

Location: In Kings County, township 17 south, range 22 east, M. D. B. and M., lying between Cole Slough, Dutch John Cut and Kings River.

Area: Gross, 4620 acres. Developed, 4200 acres.

Financial: Bonds—This district has voted no bonds.

Overlaps: The lands of the district are in Reclamation District No. 771, but there are no outstanding reclamation bonds.

Remarks: The district operates on a cash basis. Water is obtained from Consolidated Irrigation District under water right contracts. The county tax rate in Kings County is \$2.55 per \$100 of assessed valuation.

### JACINTO IRRIGATION DISTRICT

Organization: Date of organization election, August 15, 1917.

Location: In Glenn County, townships 20 and 21 north, range 2 west, M. D. B. and M., lying west of the Sacramento River.

Area: Gross, 11,554 acres. Developed, 11,500 acres.

Financial: Bonds—One issue to the amount of \$238,000 has been validated by the Bond Certification Commission and sold by the district. Dated December 1, 1920.

Due serially, 1923-1942, January 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by First National Bank, Willows, California.

Outstanding, January 2, 1931----- \$168,000 00

Retired ----- 70,000 00

Authorized ----- \$238,000 00

### MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930-----	\$178,000			
1931-----	168,000	\$10,000	\$10,080	\$20,080
1932-----	157,000	11,000	9,420	20,420
1933-----	145,000	12,000	8,700	20,700
1934-----	132,000	13,000	7,920	20,920
1935-----	118,000	14,000	7,080	21,080
1936-----	104,000	14,000	6,240	20,240
1937-----	89,000	15,000	5,340	20,340
1938-----	73,000	16,000	4,380	20,380
1939-----	56,000	17,000	3,360	20,360
1940-----	38,000	18,000	2,280	20,280
1941-----	19,000	19,000	1,140	20,140
1942-----		19,000		19,000

\$178,000

**Overlaps:** 7400 acres of the district's lands are in Reclamation District No. 2047.

**Remarks:** The annual operating and maintenance costs for 1929, exclusive of bond interest and redemption charges, amounted to \$1.93 per acre of gross area. The county tax rate in Glenn County is \$2.14 per \$100 of assessed valuation

### JAMES IRRIGATION DISTRICT

**Organization:** Date of organization election, February 6, 1920.

**Location:** In Fresno County west of Fresno Slough By-Pass and surrounding San Joaquin.

**Area:** Gross, 26,614 acres. Developed, 12,000 acres.

**Financial: Bonds**—The district has put out one issue of bonds amounting to \$1,000,000 which was validated by the Bond Certification Commission.

Dated May 15, 1920.

Due serially, 1928-1947, January 1, \$50,000 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by First National Bank, San Joaquin, California, or Chase National Bank, New York.

Outstanding, January 2, 1931	-----	\$995,000 00
Retired	-----	5,000 00

Authorized	-----	\$1,000,000 00
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Warrants—\$22,074.75.

**Overlaps:** Portions of Reclamation District Nos. 1605 and 1606.

**Remarks:** Both reclamation and irrigation bonds are in default and bondholders committees for both districts have been appointed. About 80% of each issue of bonds has been deposited with the respective committees. As of January 2, 1931, there was owing by the irrigation district for warrants payable, unpaid matured bond coupons and principal approximately \$483,000. Efforts to refinance are now being made. (See description of Reclamation District No. 1606.) The annual operating and maintenance costs for 1929 amounted to \$3.07 per acre of gross area exclusive of bond interest and redemption charges. The county tax rate of Fresno County is \$2.20 per \$100 of assessed valuation.

### LA CANADA IRRIGATION DISTRICT

**Organization:** Date of organization election, April 5, 1924.

**Location:** In Los Angeles County, townships 1 and 2 north, range 13 west, S. B. B. and M., five miles distant from Glendale.

**Area:** Gross, 1296 acres. Developed, 900 acres.

**Financial: Bonds**—Two bond issues have been validated by the Bond Certification Commission and sold by the district.

First issue:

Dated July 1, 1925.

Due serially, 1936-1960, July 1 each year.

Denomination \$1,000.

Interest 5%, Jan.-July 1, by Security-First National Bank at Los Angeles, California.

Outstanding and authorized, January 2, 1931	-----	\$154,000 00
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Second issue:

Dated July 1, 1928.

Due serially, 1949-1968, July 1 each year.

Denomination \$1,000.

Interest 5%, Jan.-July 1, by Security-First National Bank at Los Angeles, California.

Outstanding and authorized, January 2, 1931	-----	\$174,000 00
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Outstanding and authorized bonded debt, January 2, 1931	-----	\$328,000 00
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Denominations \$1,000, \$500.

Interest 6%, Jan.-July 1, by District Treasurer at Laton, California.

Outstanding, January 2, 1931-----	\$53,000 00
Retired -----	212,000 00
Authorized -----	\$265,000 00

#### MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930-----	\$53,000			
1931-----	26,500	\$26,500	\$2,385	\$28,885
1932-----		26,500	795	27,295
		<u>\$53,000</u>		

**Overlaps:** The lands of the district are included in Reclamation Districts Nos. 776, 779, 801, 805 and 2048, but there are no bonds outstanding in these districts.

**Remarks:** The operation and maintenance costs for 1929, exclusive of bond interest and redemption charges, amounted to \$0.55 per acre of gross area. The tax rates for Fresno and Kings counties are \$2.20 and \$2.55, respectively, per \$100 of assessed valuation.

#### LAKELAND IRRIGATION DISTRICT

**Organization:** Date of organization election, February 2, 1923.

**Location:** In Kings County, townships 22 and 23 south, ranges 21 and 22 east, M. D. B. and M., adjoining Corcoran Irrigation District.

**Area:** Gross, 23,282 acres. Developed, 23,000 acres.

**Financial: Bonds**—No bonds have been issued by the district.

**Overlaps:** The district includes all of Reclamation District No. 1618 and portions of Reclamation Districts Nos. 690, 812, and 692. It is also within the Tulare Lake Basin Water Storage District.

**Remarks:** District expects to participate in the proposed Pine Flat project. Expenditures for operation and maintenance for 1929, including water charges, amounted to \$2.25 per gross acre. The county tax rate for Kings County is \$2.55 per \$100 of assessed valuation.

#### LAKESIDE IRRIGATION DISTRICT

**Organization:** Date of organization election, July 29, 1924.

**Location:** In San Diego County, township 15 south, range 1 east, S. B. B. and M.

**Area:** Gross, 320 acres. Developed, 320 acres.

**Financial: Bonds**—Bonds to the amount of \$35,000 have been validated by the Bond Certification Commission and sold by the district.

Dated February 1, 1925.

Due serially, 1946-1965, January 1 of each year.

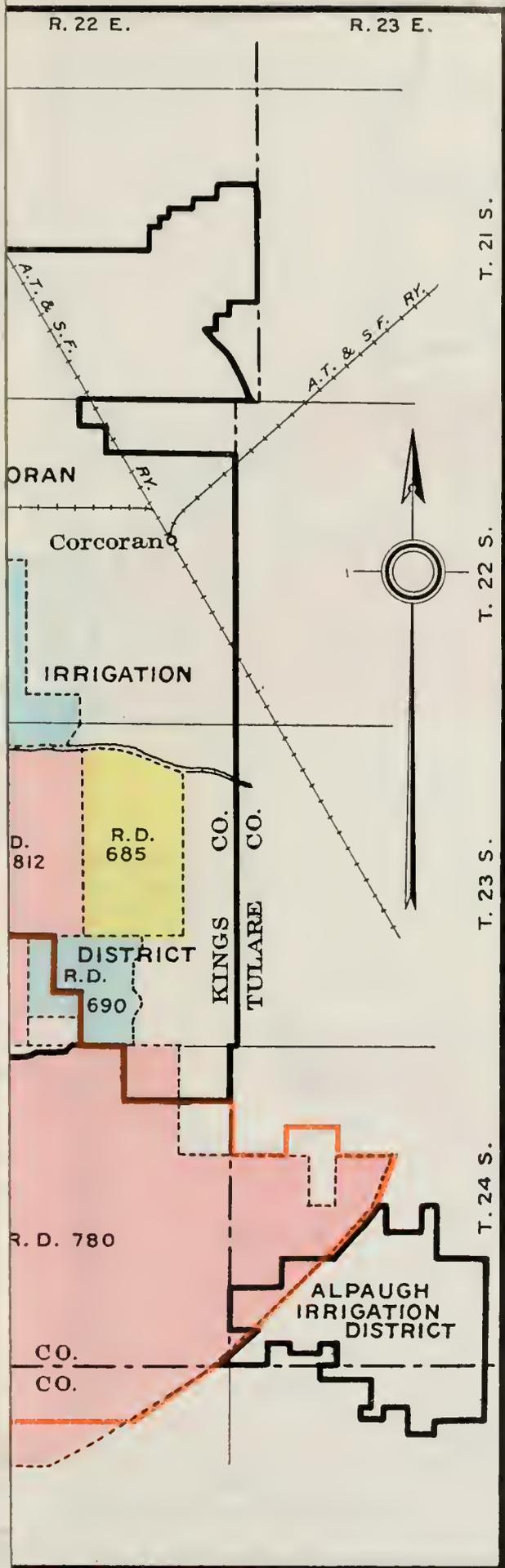
Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer, at Lakeside, California.

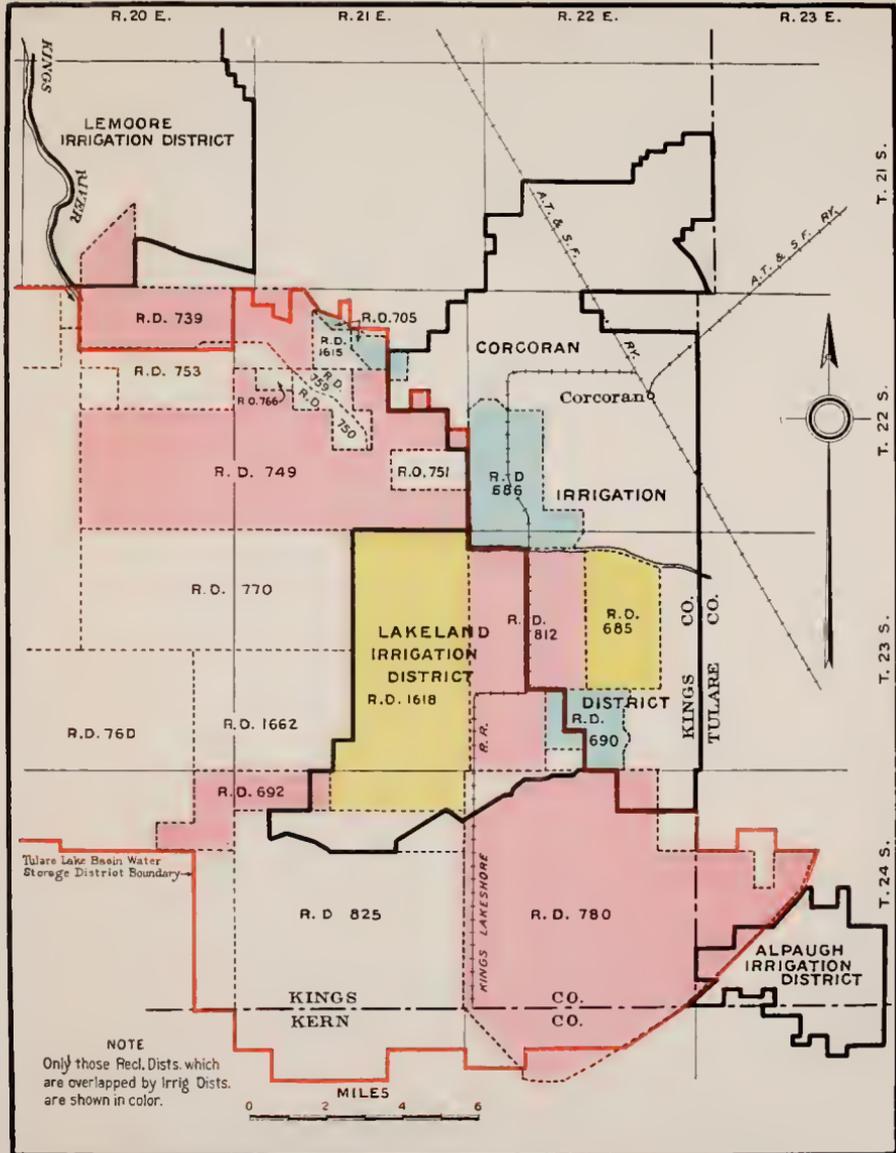
Outstanding and authorized, January 2, 1931----- \$35,000 00

#### MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1943-----	\$35,000			
1944-----	34,000	\$1,000	\$2,040	\$3,040
1945-----	33,000	1,000	1,980	2,980
1946-----	31,500	1,500	1,890	3,390
1947-----	30,000	1,500	1,800	3,300
1948-----	28,500	1,500	1,710	3,210
1949-----	27,000	1,500	1,620	3,120
1950-----	25,500	1,500	1,530	3,030
1951-----	24,000	1,500	1,440	2,940
1952-----	22,000	2,000	1,320	3,320
1953-----	20,000	2,000	1,200	3,200
1954-----	18,000	2,000	1,080	3,080
1955-----	16,000	2,000	960	2,960



ing Reclamation and Storage Districts



Irrigation Districts in Tulare Lake Basin Area and Overlapping Reclamation and Storage Districts

Year	Outstanding	Maturities	Interest	Total
1958-----	\$14,000	\$2,000	\$840	\$2,840
1959-----	12,000	2,000	720	2,720
1960-----	10,000	2,000	600	2,600
1961-----	8,000	2,000	480	2,480
1962-----	6,000	2,000	360	2,360
1963-----	4,000	2,000	240	2,240
1964-----	2,000	2,000	120	2,120
1965-----		2,000		2,000
		\$35,000		

Remarks: Smallest irrigation district in California. Entirely in town lots and small tracts. District water rights are in litigation. County tax rate for San Diego is \$2.18 per \$100 of assessed valuation.

**LA MESA, LEMON GROVE AND SPRING VALLEY IRRIGATION DISTRICT**

Organization: Date of organization election, October 17, 1913.

Location: In San Diego County, adjoining the city of San Diego.

Area: Gross, 19,019 acres. Developed, 8000 acres.

Financial: Bonds—Two bond issues have been put out by the district, as follows:

First issue:

Not validated by the Bond Certification Commission. This issue was to the amount of \$1,232,500, but only \$66,000 was sold, the remainder being destroyed.

Dated 1914.

Due serially, 1935-1939, January 1 each year.

Interest 6%, payable Jan.-July by Security-First National Bank of Los Angeles, or Bank of Italy, N. T. and S. A., La Mesa, California.

Outstanding, January 2, 1931-----	\$56,000 00
Retired -----	10,000 00

Sold -----	\$36,000 00
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Second issue:

Validated by the Bond Certification Commission.

Dated January 1, 1925.

Due serially, 1946-1965, January 1 each year: \$50,000, 1946-1947; \$75,000 1948-1949; \$100,000, 1950-1953; \$125,000, 1954-1957; \$150,000, 1958-1961; \$175,000, 1962-1963; \$200,000, 1964-1965.

Denomination \$1,000.

Interest 6%, payable Jan.-July 1. by Security-First National Bank of Los Angeles, or Bank of Italy, N. T. and S. A., La Mesa, California

Outstanding, January 2, 1931-----	\$2,000,000 00
Not issued-----	500,000 00

Authorized -----	\$2,500,000 00
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Outstanding January 2, 1931 (first issue, \$56,000; second issue, \$2,000,000) -----	\$2,056,000 00
Not issued -----	500,000 00

Authorized -----	\$2,556,000 00
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In addition to the above bonds, there is \$41,000 in bonds outstanding for the Lemon Grove Mutual Water Company, which the district has assumed. These bonds bring the total bonded indebtedness to \$2,097,000.

Remarks: This area is rapidly becoming a residential section. Water rights are in litigation. Approximately 35% of the developed area is planted in citrus fruits and avocados. The district defaulted its bond interest of July, 1930, mainly due to costly improvements made under the Mattoon Act.



Geological cross-section diagram showing various rock layers and a fault line. The layers are color-coded: red, yellow, and blue. A fault line is shown as a jagged line cutting through the layers. A scale bar is visible at the bottom left.

Year	Outstanding	Maturities	Interest	Total
1958-----	\$14,000	\$2,000	\$840	\$2,840
1959-----	12,000	2,000	720	2,720
1960-----	10,000	2,000	600	2,600
1961-----	8,000	2,000	480	2,480
1962-----	6,000	2,000	360	2,360
1963-----	4,000	2,000	240	2,240
1964-----	2,000	2,000	120	2,120
1965-----		2,000		2,000
		\$35,000		

Remarks: Smallest irrigation district in California. Entirely in town lots and small tracts. District water rights are in litigation. County tax rate for San Diego is \$2.18 per \$100 of assessed valuation.

**LA MESA, LEMON GROVE AND SPRING VALLEY IRRIGATION DISTRICT**

Organization: Date of organization election, October 17, 1913.

Location: In San Diego County, adjoining the city of San Diego.

Area: Gross, 19,019 acres. Developed, 8000 acres.

Financial: Bonds—Two bond issues have been put out by the district, as follows:

First issue:

Not validated by the Bond Certification Commission. This issue was to the amount of \$1,232,500, but only \$66,000 was sold, the remainder being destroyed.

Dated 1914.

Due serially, 1935-1939, January 1 each year.

Interest 6%, payable Jan.-July by Security-First National Bank of Los Angeles, or Bank of Italy, N. T. and S. A., La Mesa, California.

Outstanding, January 2, 1931-----	\$56,000 00
Retired -----	10,000 00
	\$36,000 00

Second issue:

Validated by the Bond Certification Commission.

Dated January 1, 1925.

Due serially, 1946-1965, January 1 each year: \$50,000, 1946-1947; \$75,000 1948-1949; \$100,000, 1950-1953; \$125,000, 1954-1957; \$150,000, 1958-1961; \$175,000, 1962-1963; \$200,000, 1964-1965.

Denomination \$1,000.

Interest 6%, payable Jan.-July 1, by Security-First National Bank of Los Angeles, or Bank of Italy, N. T. and S. A., La Mesa, California

Outstanding, January 2, 1931-----	\$2,000,000 00
Not issued-----	500,000 00
	\$2,500,000 00

Authorized -----	\$2,500,000 00
Outstanding January 2, 1931 (first issue, \$56,000; second issue, \$2,000,000) -----	\$2,056,00 00
Not issued -----	500,000 00
	\$2,556,000 00

In addition to the above bonds, there is \$41,000 in bonds outstanding for the Lemon Grove Mutual Water Company, which the district has assumed. These bonds bring the total bonded indebtedness to \$2,097,000.

Remarks: This area is rapidly becoming a residential section. Water rights are in litigation. Approximately 35% of the developed area is planted in citrus fruits and avocados. The district defaulted its bond interest of July, 1930, mainly due to costly improvements made under the Mattoon Act.

Operation and maintenance costs for 1929, exclusive of bond interest and redemption charges, amounted to \$6.18 per acre of gross area. The county tax rate for San Diego County is \$2.18 per \$100 of assessed valuation.

### LEMOORE IRRIGATION DISTRICT

**Organization:** Date of organization election, October 11, 1920. Includes the Stratford Irrigation District which was organized in 1916.

**Location:** In Kings County, on the east side of the South Fork of the Kings River, adjoining Laguna and Lucerne Irrigation Districts.

**Area:** Gross, 53,100 acres. Developed, 52,500 acres.

**Financial: Bonds**—A bond issue of \$420,000 was contemplated in 1922 but was defeated at a special election. The district, therefore, has no bonded indebtedness.

**Overlaps:** Portions of Reclamation Districts Nos. 531, 739 and 2069.

**Remarks:** District is active but as yet has acquired no irrigation works. It proposes to participate in the Pine Flat storage project. About 12% of the developed land is in deciduous orchards. The county tax rate for Kings County is \$2.55 per \$100 of assessed valuation.

### LINDEN IRRIGATION DISTRICT

**Organization:** Date of organization election, October 3, 1929.

**Location:** In San Joaquin County, lying along the Calaveras River, in townships 2 and 3 north, ranges 7, 8 and 9 east, M. D. B. and M.

**Area:** Gross, 13,700 acres. Developed, 7700 acres.

**Financial: Bonds**—Bonds to the amount of \$105,000 have been voted.

**Remarks:** A pumping project. About 75% of the developed area is planted to deciduous fruits. The original estimate of \$105,000 has since been revised and the proposal now is to reseed the original election and vote new bonds in amount \$137,000.

### LINDSAY-STRATHMORE IRRIGATION DISTRICT

**Organization:** Date of organization election, October 16, 1915.

**Location:** In Tulare County, along the foothills on the eastern side of the San Joaquin Valley.

**Area:** Gross, 15,260 acres. Developed, 9600 acres.

**Financial: Bonds**—Two bond issues have been put out by the district, both of which were validated by the Bond Certification Commission.

**First issue:**

Dated July 1, 1916.

Due serially, 1927-1946, July 1 each year.

Denominations \$1,000, \$500.

Interest 6%, Jan.-July 1, by District Treasurer at Lindsay, California.

Outstanding, January 2, 1931-----\$1,316,000 00

Retired ----- 84,000 00

Authorized -----\$1,400,000 00

**Second issue:**

Dated October 1, 1918.

Due serially, 1929-1948, October 1 each year.

Denominations \$1,000, \$500.

Interest 6%, Jan.-July 1, by District Treasurer at Lindsay, California.

Outstanding, January 2, 1931----- \$245,000 00

Retired ----- 5,000 00

Authorized ----- \$250,000 00

Outstanding bonded debt, January 2, 1931-----	\$1,561,000 00
Retired -----	89,000 00
Authorized -----	\$1,650,000 00

MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930-----	\$1,561,000			
1931-----	1,514,000	\$47,000	\$92,325	\$139,325
1932-----	1,467,000	47,000	89,505	136,505
1933-----	1,403,500	63,500	86,227	149,727
1934-----	1,340,000	63,500	82,417	145,917
1935-----	1,260,000	80,000	78,150	158,150
1936-----	1,180,000	80,000	73,350	153,350
1937-----	1,097,500	82,500	68,512	151,012
1938-----	1,015,000	82,500	63,562	146,062
1939-----	918,500	96,500	58,192	154,692
1940-----	822,000	96,500	52,402	148,902
1941-----	723,000	99,000	46,575	145,575
1942-----	624,000	99,000	40,635	139,635
1943-----	511,000	113,000	34,275	147,275
1944-----	384,000	127,000	27,075	154,075
1945-----	226,500	157,500	18,577	176,077
1946-----	52,500	174,000	8,670	182,670
1947-----	27,500	25,000	2,775	27,775
1948-----		27,500	1,237	28,737
				\$1,561,000

*Warrants*—The annual report of the secretary of the district shows warrants outstanding December 26, 1929, totaling \$253,030.25. Of this amount \$68,370 was to be paid prior to December 31, 1929. The 1929 tax levy provides for the payment of all interest bearing warrants outstanding.

*Remarks:* Bonds are now being retired in both issues. Annual charges are high. The developed area of the district is practically all planted to citrus fruits and vines. The general and operating costs for the year 1929, exclusive of bond interest and redemption charges, amounted to \$12.85 per acre of gross area. The county tax rate in Tulare County is \$2.85 per \$100 of assessed valuation.

LITTLE ROCK CREEK IRRIGATION DISTRICT

*Organization:* Date of organization election, March 19, 1892. Organized under the original Wright Act.

*Location:* In Los Angeles County, lying southeast of Palmdale in Antelope Valley.

*Area:* Gross, 3073 acres. Developed, 2000 acres.

*Financial: Bonds*—Bonds in the amount of \$88,000 were issued by the district in 1892. These bonds were refunded with \$25,000 of an issue of \$60,000 voted in 1910, the remainder of the issue being used for construction. Both issues bore interest at 5%. Three bond issues were later approved by the Bond Certification Commission and sold by the district for joint construction of storage works with Palmdale Irrigation District. Following are the amounts and maturities of these three later issues:

Fourth issue:

Dated July 1, 1914.

Due serially, 1935-1954, January 1, \$3,000 each year.

Denomination \$1,000.

Interest 5%, Jan.-July 1, at Citizens National Trust and Savings Bank, Los Angeles.

Outstanding and authorized, January 2, 1931-----\$60,000 00

Fifth issue:

Dated January 16, 1920.

Due serially, 1941-1960, January 1 each year: \$4,000, 1941-1942; \$6,000, 1943-1944; \$8,000, 1945-1948; \$10,000, 1949-1952; \$12,000, 1953-1956; \$14,000, 1957-1958; \$16,000, 1959-1960.

Denomination \$1,000.

Interest 6%, Jan.-July 1, at California Bank, Los Angeles, California.

Outstanding and authorized, January 2, 1931-----\$200,000 00

## Sixth issue:

Dated May 1, 1921.

Due serially, 1925-1942, January 1 each year: \$1,000, 1925-1926; \$2,000, 1927-1932; \$3,000, 1933-1935; \$4,000, 1936-1938; \$5,000, 1939-1940, \$1,000, 1941; \$2,000, 1942.

Denomination \$1,000.

Interest 6%, Jan.-July 1, at California Bank, Los Angeles, California.

Outstanding, January 2, 1931-----	\$40,000 00
Retired -----	8,000 00
	<hr/>
Authorized -----	\$48,000 00

## Seventh issue:

Dated January 1, 1925.

Due serially, 1941-1960, January 1, \$3,000 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, at California Bank, Los Angeles, California.

Outstanding and authorized, January 2, 1931-----	\$60,000 00
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Outstanding bonded debt, January 2, 1931-----	\$360,000 00
Retired -----	8,000 00
	<hr/>
Authorized -----	\$368,000 00

**Overlaps:** Portion of area in Los Angeles County Flood Control District.

**Remarks:** A water shortage exists and a large percentage of taxes are delinquent. Operating, maintenance and general costs for 1929, exclusive of bond interest and redemption charges, amounted to \$3.30 per acre of gross area. The county tax rate for Los Angeles County is \$1.57 per \$100 of assessed valuation.

The district is in default in both bond interest and principal as of January 1, 1930. A bondholders' committee has been appointed and a rather unique plan has been suggested for both Littlerock Creek and Palmdale irrigation districts. The plan in general provides for the exchange of interest coupons for special warrants. The following excerpts are quoted from the proposed agreement: "\* \* \* On account of the repeated failure of large areas of land \* \* \* to pay the assessments levied thereon, said district has not paid its bond and interest coupons \* \* \*, and to enable said district to meet future obligations it is desirable that said delinquent lands be sold to persons who will pay the assessments thereon, and to make said lands marketable certain work must be done to increase the water supply and improve the distribution facilities of the district, and a plan to finance such work without the issuance of additional bonds has been devised." Committee is authorized to act in behalf of bondholders and agreement then proposes that "holders of any bonds of said district which matured in 1930, or will mature in 1931 or in 1932, hereby agree to hold said bonds without presenting them for payment until January 1, 1933, unless previously notified by the district, or by the said committee that funds are available for their payment, and to accept as compensation for so holding said bonds, special warrants of said district."

## LUCERNE IRRIGATION DISTRICT

**Organization:** Date of organization election, January 8, 1925.

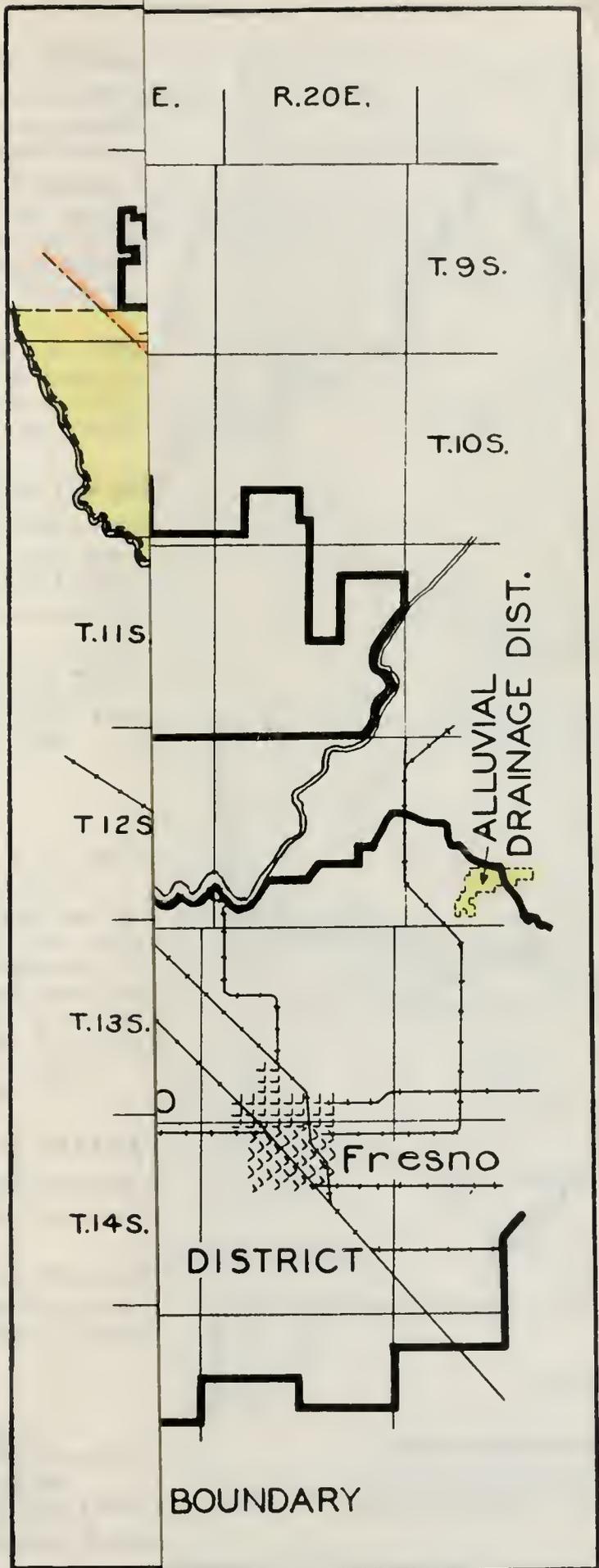
**Location:** In Kings County, about three miles west of Hanford and adjoining Letendre Irrigation District.

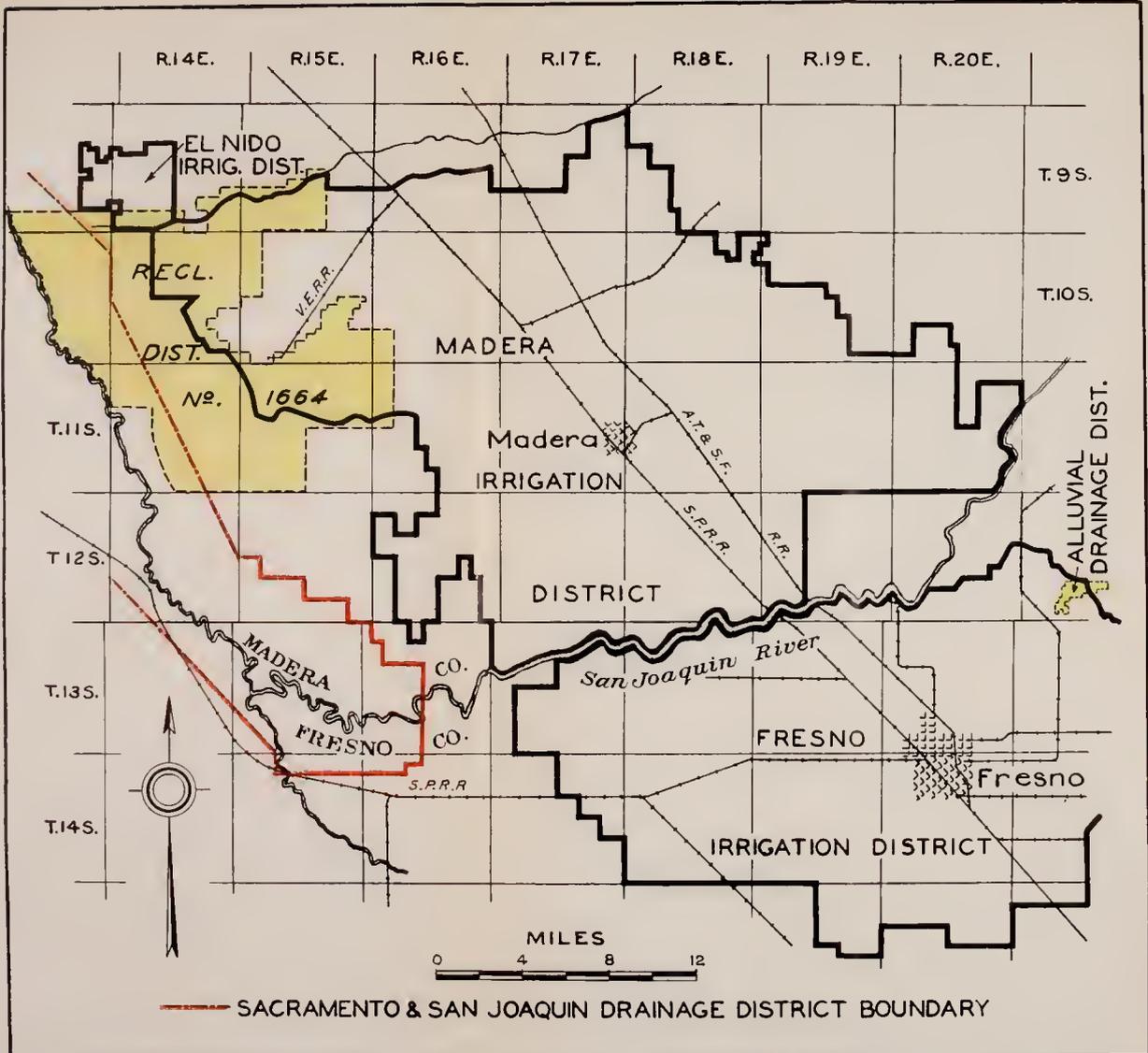
**Area:** Gross 33,407 acres. Developed, 33,100 acres.

**Financial:** *Bonds*—No bonds have been issued by the district.

**Overlaps:** Reclamation District No. 531.

**Remarks:** District organized primarily to participate in Pine Flat storage project. About 40% of the developed area is planted in vines and deciduous fruits. The county tax rate in Kings County is \$2.55 per \$100 of assessed valuation.





MADERA IRRIGATION DISTRICT

**Organization:** Date of organization election, January 2, 1920.  
**Location:** In Madera County, on the east side of San Joaquin Valley, between the Chowehilla and San Joaquin rivers, surrounding Madera.  
**Area:** Gross, 352,000 acres. Developed, 75,000 acres.  
**Financial:** *Bonds*—Bonds to the amount of \$28,000,000, bearing interest at 6%, were voted by the district and validated by the Bond Certification Commission in 1921, but only \$200,000 in bonds were issued. The bonds carried maturities of 1927 and 1928 and are all retired. The district now has no bonded indebtedness.  
**Overlaps:** Reclamation District No. 1664.  
**Remarks:** The district owns no irrigation works but has acquired some property. Its water rights are involved in litigation. Dissolution of San Joaquin River Water Storage District may revive activity.

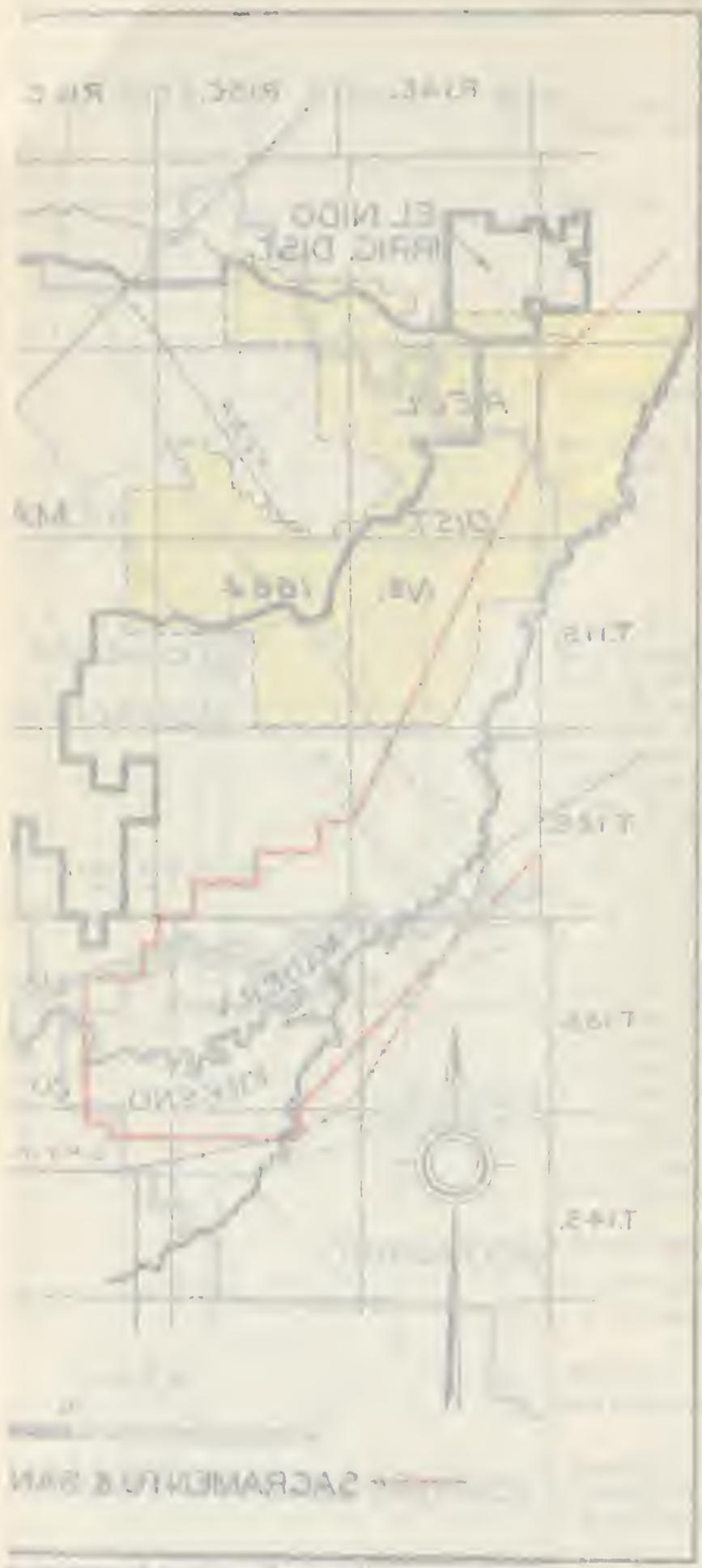
MAXWELL IRRIGATION DISTRICT

**Organization:** Date of organization election, June 8, 1918.  
**Location:** In Colusa County, lying west of trough of Colusa Basin, and adjoining Compton-Delevan and Glenn-Colusa Irrigation Districts.  
**Area:** Gross, 8819 acres. Developed, 394 acres.  
**Financial:** *Bonds*—Bonds to the amount of \$260,000 were validated by the Bond Certification Commission and sold by the district in 1919. These bonds bear interest at 6%, are dated September 15, 1918, and are due serially 1922-1941, January 1, \$13,000 each year. Denomination \$1,000.  
 Outstanding, January 2, 1931----- \$234,000 00  
 Retired ----- 26,000 00  
 Authorized ----- \$260,000 00

**Overlaps:** Reclamation District No. 2047 and Sacramento and San Joaquin Drainage District (Assessment No. 6).  
**Remarks:** The district defaulted both as to principal and interest on January 1, 1926. After several efforts at reorganization by a bondholders committee the bonds were sold to Landowners Committee of Maxwell Irrigation District. This district is at present almost entirely made up of gun clubs. In order to preserve the water rights it was essential that the owners acquire the bonds of the district. This they have succeeded in doing with the exception of two bonds of late maturities. Bonds were acquired at the then market price, which generally was below 50.

MERCED IRRIGATION DISTRICT

**Organization:** Date of organization election, December 8, 1919.  
**Location:** In Merced County, surrounding Merced and extending to the Merced River.  
**Area:** Gross, 189,682 acres. Developed, 126,184 acres.  
**Financial:** *Bonds*—Three issues of bonds have been validated by the Bond Certification Commission and sold by the district.  
 First issue:  
*First division.*  
 Dated January 1, 1922.  
 Due serially, 1933-1950, January 1 each year.  
 Denominations \$1,000, \$500.  
 Interest 6%. Jan.-July 1, by District Treasurer, Merced, California.  
 Outstanding and authorized, January 2, 1931----- \$3,120,000 00



The map shows the Sacramento River Watershed (red outline) and the San Joaquin River Watershed (black outline). The Sacramento River Watershed covers a large area in the northern and central parts of the region, while the San Joaquin River Watershed is located in the southern and eastern parts. The map also shows several irrigation districts: EL NIDO IRRIG DIST, FERT DIST, and TULARE DIST. The map is overlaid with a grid of latitude and longitude lines. A scale bar is provided at the bottom left, and a north arrow is located in the lower center of the map.

SACRAMENTO & SAN JOAQUIN RIVER BASINS

MADERA IRRIGATION DISTRICT

**Organization:** Date of organization election, January 2, 1920.  
**Location:** In Madera County, on the east side of San Joaquin Valley, between the Chowchilla and San Joaquin rivers, surrounding Madera.  
**Area:** Gross, 352,000 acres. Developed, 75,000 acres.  
**Financial:** *Bonds*—Bonds to the amount of \$28,000,000, bearing interest at 6%, were voted by the district and validated by the Bond Certification Commission in 1921, but only \$200,000 in bonds were issued. The bonds carried maturities of 1927 and 1928 and are all retired. The district now has no bonded indebtedness.  
**Overlaps:** Reclamation District No. 1664.  
**Remarks:** The district owns no irrigation works but has acquired some property. Its water rights are involved in litigation. Dissolution of San Joaquin River Water Storage District may revive activity.

MAXWELL IRRIGATION DISTRICT

**Organization:** Date of organization election, June 8, 1918.  
**Location:** In Colusa County, lying west of trough of Colusa Basin, and adjoining Compton-Delevan and Glenn-Colusa Irrigation Districts.  
**Area:** Gross, 8819 acres. Developed, 394 acres.  
**Financial:** *Bonds*—Bonds to the amount of \$260,000 were validated by the Bond Certification Commission and sold by the district in 1919. These bonds bear interest at 6%, are dated September 15, 1918, and are due serially 1922-1941, January 1, \$13,000 each year. Denomination \$1,000.

Outstanding, January 2, 1931	\$234,000 00
Retired	26,000 00
	\$260,000 00
Authorized	\$260,000 00

**Overlaps:** Reclamation District No. 2047 and Sacramento and San Joaquin Drainage District (Assessment No. 6).  
**Remarks:** The district defaulted both as to principal and interest on January 1, 1926. After several efforts at reorganization by a bondholders committee the bonds were sold to Landowners Committee of Maxwell Irrigation District. This district is at present almost entirely made up of gun clubs. In order to preserve the water rights it was essential that the owners acquire the bonds of the district. This they have succeeded in doing with the exception of two bonds of late maturities. Bonds were acquired at the then market price, which generally was below 50.

MERCED IRRIGATION DISTRICT

**Organization:** Date of organization election, December 8, 1919.  
**Location:** In Merced County, surrounding Merced and extending to the Merced River.  
**Area:** Gross, 189,682 acres. Developed, 126,184 acres.  
**Financial:** *Bonds*—Three issues of bonds have been validated by the Bond Certification Commission and sold by the district.  
**First issue:**  
*First division.*  
 Dated January 1, 1922.  
 Due serially, 1933-1950, January 1 each year.  
 Denominations \$1,000, \$500.  
 Interest 6%. Jan.-July 1, by District Treasurer, Merced, California.  
 Outstanding and authorized, January 2, 1931-----\$3,120,000 00

*Second division.*

Dated January 1, 1922.

Due serially, 1951-1953, January 1 each year.

Denomination \$1,000.

Interest 5½%, Jan.-July 1, by District Treasurer, Merced, California.

Outstanding and authorized, January 2, 1931-----\$1,800,000 00

*Third division.*

Dated January 1, 1922.

Due serially, 1954-1955, January 1 each year.

Denomination \$1,000.

Interest 5½%, Jan.-July 1, by District Treasurer, Merced, California.

Outstanding and authorized, January 2, 1931-----\$1,320,000 00

*Fourth division.*

Dated January 1, 1922.

Due serially, 1956-1962, January 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer, Merced, California.

Outstanding and authorized, January 2, 1931-----\$5,760,000 00

Total first issue, outstanding and authorized, Jan. 2, 1931-\$12,000,000 00

## Second issue:

Dated May 1, 1924.

Due serially, 1937-1946 and 1963-1964, January 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer, Merced, California.

Outstanding and authorized, January 2, 1931-----\$3,250,000 00

## Third issue:

Dated April 1, 1926.

Due serially, 1965-1966, January 1 each year.

Denomination \$1,000.

Interest 5½%, Jan.-July 1, by District Treasurer, Merced, California.

Outstanding and authorized, January 2, 1931----- \$1,000,000 00

Outstanding and authorized bonded debt, January 2, 1931-----\$16,250,000 00

## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1932-----	\$16,250,000			
1933-----	16,190,000	\$60,000	\$950,800	\$1,010,800
1934-----	16,127,000	63,000	947,020	1,010,020
1935-----	16,060,000	67,000	943,000	1,010,000
1936-----	15,989,000	71,000	938,740	1,009,740
1937-----	15,904,000	85,000	933,640	1,018,640
1938-----	15,804,000	100,000	927,640	1,027,640
1939-----	15,684,000	120,000	920,440	1,040,440
1940-----	15,544,000	140,000	912,040	1,052,040
1941-----	15,319,000	225,000	898,540	1,123,540
1942-----	15,073,000	246,000	883,780	1,129,780
1943-----	14,806,000	267,000	867,760	1,134,760
1944-----	14,518,000	288,000	850,480	1,138,480
1945-----	14,198,000	320,000	831,280	1,151,280
1946-----	13,846,000	352,000	810,160	1,162,160
1947-----	13,420,000	426,000	784,600	1,210,600
1948-----	12,940,000	480,000	753,800	1,235,800
1949-----	12,460,000	480,000	727,000	1,207,000
1950-----	11,980,000	480,000	698,200	1,178,200
1951-----	11,380,000	600,000	665,200	1,265,200
1952-----	10,780,000	600,000	632,200	1,232,200
1953-----	10,180,000	600,000	599,200	1,199,200
1954-----	9,580,000	600,000	566,200	1,166,200
1955-----	8,860,000	720,000	526,600	1,246,600
1956-----	8,140,000	720,000	483,400	1,203,400
1957-----	7,420,000	720,000	440,200	1,160,200
1958-----	6,700,000	720,000	397,000	1,117,000
1959-----	5,860,000	840,000	346,600	1,186,600
1960-----	5,020,000	840,000	296,200	1,136,200

Year	Outstanding	Maturities	Interest	Total
1961-----	\$4,060,000	\$960,000	\$238,600	\$1,198,600
1962-----	3,100,000	960,000	181,000	1,141,000
1963-----	2,080,000	1,020,000	119,800	1,139,800
1964-----	1,000,000	1,080,000	55,000	1,135,000
1965-----	500,000	500,000	27,500	527,500
1966-----		500,000		500,000
		\$16,250,000		

**Overlaps:** Merced County No. 1 Drainage District, Merced County No. 2 Drainage District, Fruitland Drainage District, and a small portion of Sacramento and San Joaquin Drainage District.

**Remarks:** District has assumed bond obligations of the three overlapping drainage districts.

Exchequer Dam is owned by the district and revenue is derived from the sale of power to San Joaquin Light and Power Corporation.

**Power revenue:**

1927-1928, \$495,398.00
1928-1929, \$300,000.00
1929-1930, \$308,000.00
1930-1931, \$100,000.00 (estimated)

Prior to construction of Exchequer Reservoir, the power income was estimated at \$475,000 annually. Due to a series of years of subnormal rainfall, this anticipated revenue has not been received. Under the present adverse agricultural conditions it is not believed that the landowners can meet the increased assessment necessary to make up this year's power deficit.

At the request of the district directors (May, 1931) a committee has been appointed to investigate the financial status of the district and make recommendations for reorganization.

About one-third of developed area is planted in fruits and vines. Operation charges for 1929, exclusive of bond interest and redemption charges and power house operation, amounted to \$2.28 per acre of gross area. The county tax rate for Merced County is \$3.30 per \$100 of assessed valuation.

### MODESTO IRRIGATION DISTRICT

**Organization:** Date of organization election, July 23, 1887. This is the second district organized under the original Wright Act.

**Location:** In Stanislaus County, lying between the Tuolumne and Stanislaus rivers, east of San Joaquin River and surrounding Modesto and Salida.

**Area:** Gross, 81,183 acres. Developed, 73,962 acres.

**Financial: Bonds**—The bond issues of the district prior to 1902 amounted to \$1,150,000. In 1902, the bonds together with outstanding warrants were taken up by a refunding issue of \$1,056,511. Omitting the original issue, fourteen issues have been put out by the district, all of which were validated by the Bond Certification Commission.

**First issue (refunding):**

Dated May 1, 1902.

Due serially, 1925-1942, January 1 each year.

Denominations \$500, \$325.55.

Interest 5%.

Outstanding, January 2, 1931-----	\$510,081 05
Retired -----	500,429 95
Destroyed (1942 maturity)-----	46,000 00

\$1,056,511 00

**Second issue (refunding):**

Dated January 5, 1904.

Due serially, 1925-1944, January 1 each year,

Denomination \$500, \$100.

Interest 5%.

## DIVISION OF WATER RESOURCES

Outstanding, January 2, 1931-----	\$211,800 00
Retired -----	120,200 00
	\$332,000 00
Third issue:	
Dated July 1, 1909.	
Due serially, 1930-1939, July 1 each year.	
Denomination \$500.	
Interest 5%.	
Outstanding, January 2, 1931-----	\$178,000 00
Retired -----	22,000 00
	\$200,000 00
Fourth issue:	
Dated January 1, 1911.	
Due serially, 1932-1941, January 1 each year.	
Denomination \$500.	
Interest 5%.	
Outstanding, January 2, 1931-----	\$49,000 00
Retired -----	1,000 00
	\$50,000 00
Fifth issue:	
Dated July 1, 1914.	
Due serially, 1935-1954, July 1 each year.	
Denomination \$500.	
Interest 6%.	
Outstanding and authorized, January 2, 1931-----	\$500,000 00
Sixth issue:	
Dated July 1, 1914.	
Due serially, 1935-1954, July 1 each year.	
Denominations \$500, \$100.	
Interest 6%.	
Outstanding and authorized, January 2, 1931-----	\$110,000 00
Seventh issue:	
Dated July 1, 1920.	
Due serially, 1931-1950, July 1 each year.	
Denomination \$1,000.	
Interest 6%.	
Outstanding and authorized, January 2, 1931-----	\$1,180,000 00
Eighth issue:	
Dated July 1, 1920.	
Due serially, 1931-1950, July 1 each year.	
Denominations \$1,000 and one \$600 bond due 1931.	
Interest 6%.	
Outstanding and authorized, January 2, 1931-----	\$181,600 00
Ninth issue:	
Dated July 1, 1920.	
Due serially, 1931-1950, July 1 each year.	
Denomination \$1,000.	
Interest 6%.	
Outstanding and authorized, January 2, 1931-----	\$150,000 00
Tenth issue:	
Dated July 1, 1920.	
Due serially, 1931-1950, July 1 each year.	
Denomination \$1,000.	
Interest 6%.	
Outstanding and authorized, January 2, 1931-----	\$190,000 00

Eleventh issue:

Dated July 1, 1920.

Due serially, 1931-1950, July 1 each year.

Denominations \$1,000 and one bond of \$400 due 1931.

Interest 6%.

Outstanding and authorized, January 2, 1931----- \$298,400 00

Twelfth issue:

Dated October 1, 1923.

Due serially, 1934-1953, July 1 each year.

Denomination \$1,000.

Interest 5%.

Outstanding, January 2, 1931----- \$129,000 00

Retired ----- 6,000 00

Authorized ----- \$135,000 00

Thirteenth issue:

Dated January 1, 1924.

Due serially, 1944-1953, July 1 each year.

Denomination \$1,000.

Interest 5%.

Outstanding, January 2, 1931----- \$498,000 00

Retired ----- 2,000 00

Authorized ----- \$500,000 00

Fourteenth issue:

Dated January 1, 1927.

Due serially, 1942-1951, January 1 each year.

Denomination \$1,000.

Interest 5%.

Authorized, but not sold, January 2, 1931----- \$236,000 00

Interest on all issues payable Jan.-July 1, by District Treasurer, at Modesto, California.

Outstanding bonded debt, January 2, 1931----- \$4,185,881 05

Retired ----- 651,629 95

Destroyed ----- 46,000 00

Unissued (fourteenth issue) ----- 236,000 00

Authorized ----- \$5,119,511 00

MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1920-----	\$4,255,306			
1931-----	4,133,881	\$121,426	\$233,894	\$355,320
1932-----	4,013,456	120,425	227,543	347,968
1933-----	3,869,530	143,926	220,346	364,272
1934-----	3,716,605	152,925	212,275	365,200
1935-----	3,531,479	182,126	203,213	385,339
1936-----	3,342,354	191,125	192,820	383,945
1937-----	3,147,628	195,726	182,403	378,129
1938-----	2,947,903	199,725	171,539	371,264
1939-----	2,717,077	230,826	159,447	390,273
1940-----	2,515,251	201,826	147,372	349,198
1941-----	2,309,425	205,826	135,931	341,757
1942-----	2,153,600	155,825	126,966	282,791
1943-----	1,986,500	167,100	117,709	284,809
1944-----	1,802,400	184,100	107,479	291,579
1945-----	1,609,900	192,500	96,949	289,449
1946-----	1,405,400	204,500	85,409	289,909
1947-----	1,191,800	213,600	73,251	286,851
1948-----	958,200	233,600	60,280	293,880
1949-----	714,600	243,600	46,504	290,104
1950-----	464,000	250,600	32,248	282,848
1951-----	336,300	127,700	21,624	149,324
1952-----	197,600	138,700	14,537	153,237
1953-----	48,800	148,800	6,892	155,682
1954-----		48,800	1,464	50,264

\$4,255,306

**Remarks:** District is well developed, about 29% of the district being planted in deciduous fruits and vines. Don Pedro Dam, power house and power distribution system are owned jointly by Modesto and Turlock irrigation districts. Net income from these works in 1929 amounted to \$263,732. Operation and maintenance costs of the irrigation system for 1929, exclusive of bond interest and redemption charges, amounted to \$1.74 per acre of gross area. The county tax rate for Stanislaus County is \$2.20 per \$100 of assessed valuation.

### MOJAVE RIVER IRRIGATION DISTRICT

**Organization:** Date of organization election, April 9, 1917.

**Location:** In San Bernardino County, townships 4 and 5 north, range 3 west, S. B. B. and M.

**Area:** Gross, 27,665 acres. Developed, 1100 acres.

**Financial:** *Bonds*—Bonds to the amount of \$2,175,000 have been voted by the district and validated by the Bond Certification Commission, but no bonds have been sold.

**Remarks:** District is still active, current expenses being met by assessments. A system of irrigation works has been devised but has not been constructed.

### MONTAGUE WATER CONSERVATION DISTRICT

**Organization:** Date of organization election, May 5, 1925.

**Location:** In Shasta Valley, Siskiyou County, lying six miles east of Yreka.

**Area:** Gross, 26,117 acres. Developed, 18,500 acres.

**Financial:** *Bonds*—Bonds to the amount of \$1,395,000 have been validated by the Bond Certification Commission and sold by the district.

Dated January 1, 1926.

Due serially, 1947-1966, January 1 each year: \$28,000, 1947-1948; \$42,000, 1949-1950; \$56,000, 1951-1954; \$70,000, 1955-1958; \$84,000, 1959-1962; \$98,000, 1963-1964; \$112,000, 1965; \$107,000, 1966.

Interest 6%.

Outstanding and authorized, January 2, 1931-----\$1,395,000 00

**Remarks:** District has just completed construction of irrigation works and has begun to deliver water. It is in default on bond interest in amount \$13,500 as of January 2, 1931. Part of district water has been lost through litigation. A financing plan has been proposed under which bondholders are to return as canceled 2½ years' interest coupons and to agree to accept 2% interest on bonds for 2½ years more.

### NAGLEE BURK IRRIGATION DISTRICT

**Organization:** Date of organization election, November 23, 1920.

**Location:** In San Joaquin County, township 2 south, ranges 4 and 5 east, M. D. B. and M., adjoining West Side and Tracy Clover Irrigation Districts.

**Area:** Gross, 2871 acres. Developed, 2500 acres.

**Financial:** *Bonds*—In 1921 an issue of \$200,000 was validated by the Bond Certification Commission and bonds to the amount of \$190,000 were sold by the district. In 1927 a refunding issue of \$192,000 was validated by the Bond Certification Commission. Arrangements have been made for the exchange of these bonds for those of the first issue.

First issue:

Dated October 1, 1921.

Due serially, 1926-1940, July 1 each year.

Denomination \$500.

Interest 6%, Jan.-July 1, by District Treasurer, at Tracy, California.

Refunded -----	\$186,000 00
Retired -----	9,000 00
Unsold -----	5,000 00

Authorized ----- \$200,000 00





**Remarks:** Technically not in default. District revenue was insufficient to meet in full bond interest due January 1, 1931, the deficit being met by loan.

Irrigation works have not been completed in Placer County Unit of the district. Only a small portion of the area is under cultivation. The main source of revenue to the district is derived from Pacific Gas and Electric Company (under contract) for use of district water for power purposes.

Power revenue:

- 1928-1929, \$253,980.00
- 1929-1930, \$356,219.00
- 1930-1931, \$290,000.00 (estimated)

Water tolls under present conditions will average about \$100,000 per year. The district lacks approximately \$120,000 annually to meet its required interest payments and it is proposed (May, 1931) to take advantage of recent legislation and issue \$8,100,000 in funding bonds bearing 4% interest in lieu of the 5½% bonds now outstanding. This plan is said to be acceptable to the district directors and the representatives of the bondholders. Operation and maintenance costs for 1929, exclusive of bond interest, amounted to \$0.42 per gross acre. The county tax rates for Nevada and Placer counties are \$3.40 and \$2.87, respectively, per \$100 of assessed valuation.

**NEWPORT HEIGHTS IRRIGATION DISTRICT**

**Organization:** Date of organization election, July 23, 1918.

**Location:** In Orange County, north of Newport Beach.

**Area:** Gross, 1503 acres. Developed, 1503 acres.

**Financial: Bonds**—The district sold bonds to the amount of \$160,000 in 1920, this issue having been validated by the Bond Certification Commission.

Dated January 1, 1920.

Due serially, 1941-1960, January 1 each year.

Denomination \$800.

Interest 6%, Jan.-July 1, by Security-First National Bank of Los Angeles, Santa Ana, California.

Outstanding and authorized, January 2, 1931-----\$160,000 00

**MATURITIES AND INTEREST**

Year	Outstanding	Maturities	Interest	Total
1940-----	\$160,000			
1941-----	156,800	\$3,200	\$9,308	\$12,508
1942-----	153,600	3,200	9,216	12,416
1943-----	148,800	4,800	8,928	13,728
1944-----	144,000	4,800	8,640	13,440
1945-----	137,600	6,400	8,256	14,656
1946-----	131,200	6,400	7,872	14,272
1947-----	124,800	6,400	7,488	13,888
1948-----	118,400	6,400	7,104	13,504
1949-----	110,400	8,000	6,624	14,624
1950-----	102,400	8,000	6,144	14,144
1951-----	94,400	8,000	5,664	13,664
1952-----	86,400	8,000	5,184	13,184
1953-----	76,800	9,600	4,608	14,208
1954-----	67,200	9,600	4,032	13,632
1955-----	57,600	9,600	3,456	13,056
1956-----	48,000	9,600	2,880	12,480
1957-----	36,800	11,200	2,208	13,408
1958-----	25,600	11,200	1,536	12,736
1959-----	12,800	12,800	768	13,568
1960-----		12,800		12,800
		\$160,000		

**Remarks:** The organization of the district was brought about through the failure of an existing mutual water company to furnish water as required. The district is almost entirely subdivided into lots and small tracts. Operation and maintenance costs in 1929, exclusive of bond interest and redemption charges, amounted to \$9.86 per acre of gross area. The county tax rate for Orange County is \$1.85 per \$100 of assessed valuation.





**Remarks:** District is joint owner with South San Joaquin Irrigation District of Melones Dam and Power Plant, Goodwin Diversion Works, and main canal. A power contract with the Pacific Gas and Electric Company provides for the payment of \$64,687.50 semiannually until \$5,175,000 has been paid. The district's share of these payments is to be used to pay the interest and retire the bonds of the fifth issue until same have been fully paid, then to be used for other district purposes. Refunding plans are being considered. About 20% of the developed area is planted to vines and deciduous fruits. Operation and maintenance costs for 1929, exclusive of bond interest and redemption charges, amounted to \$1.63 per acre of gross area. The county tax rates for Stanislaus and San Joaquin counties are \$2.20 and \$2.79, respectively, per \$100 of assessed valuation.

### OROVILLE-WYANDOTTE IRRIGATION DISTRICT

**Organization:** Date of organization election, November 6, 1919.

**Location:** In Butte County, chiefly between the Feather River and Honey Creek.

**Area:** Gross, 24,100 acres. Developed, 2250 acres.

**Financial: Bonds—**A bond issue of \$2,000,000 has been voted by the district and validated by the Bond Certification Commission. Of this issue bonds to the amount of \$1,095,000 have been sold.

Dated January 1, 1923.

Due serially, 1944-1963, January 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer, Oroville, California.

Outstanding, January 2, 1931	\$1,095,000 00
Not sold (due 1954-1963)	905,000 00

Authorized	\$2,000,000 00
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#### MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1943	\$1,095,000			
1944	1,055,000	\$40,000	\$63,300	\$103,300
1945	1,015,000	40,000	60,900	100,900
1946	955,000	60,000	57,300	117,300
1947	895,000	60,000	53,700	113,700
1948	815,000	80,000	48,900	128,900
1949	735,000	80,000	44,100	124,100
1950	655,000	80,000	39,300	119,300
1951	575,000	80,000	34,500	114,500
1952	475,000	100,000	28,500	128,500
1953	375,000	100,000	22,500	122,500
1954	275,000	100,000	16,500	116,500
1955	175,000	100,000	10,500	110,500
1956	55,000	120,000	3,300	123,300
1957		55,000		55,000
		\$1,095,000		

**Remarks:** Water is sold by district to users outside its boundaries, part of district revenue being derived from such sales. Only small portion of district is developed, such portion being almost entirely in citrus fruit and olive plantings. Operation and maintenance costs for 1929, exclusive of bond interest, amounted to \$1.16 per acre of gross area. The county tax rate for Butte County is \$3.15 per \$100 of assessed valuation.

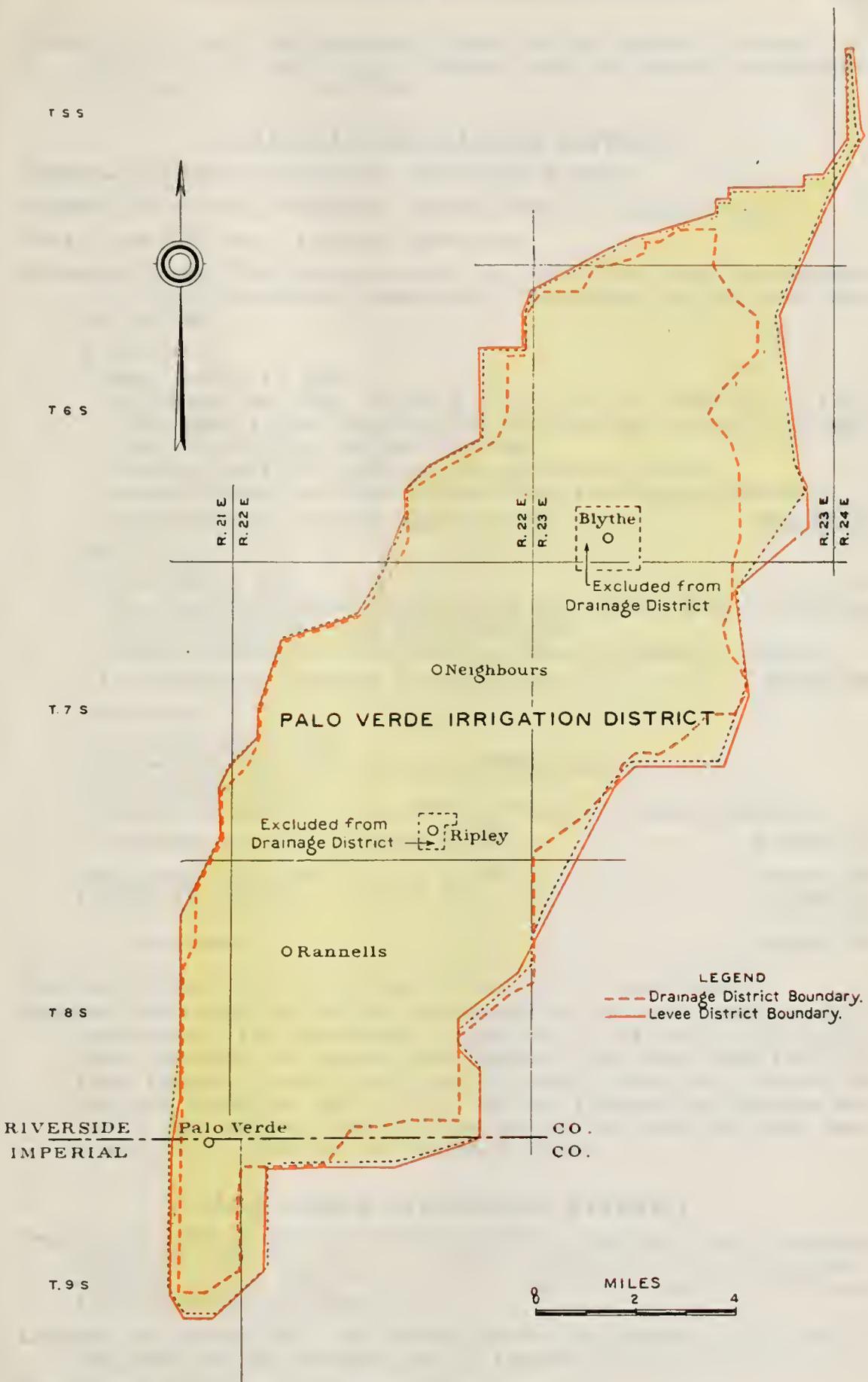
### OWENS VALLEY IRRIGATION DISTRICT

**Organization:** Date of organization election, December 26, 1922.

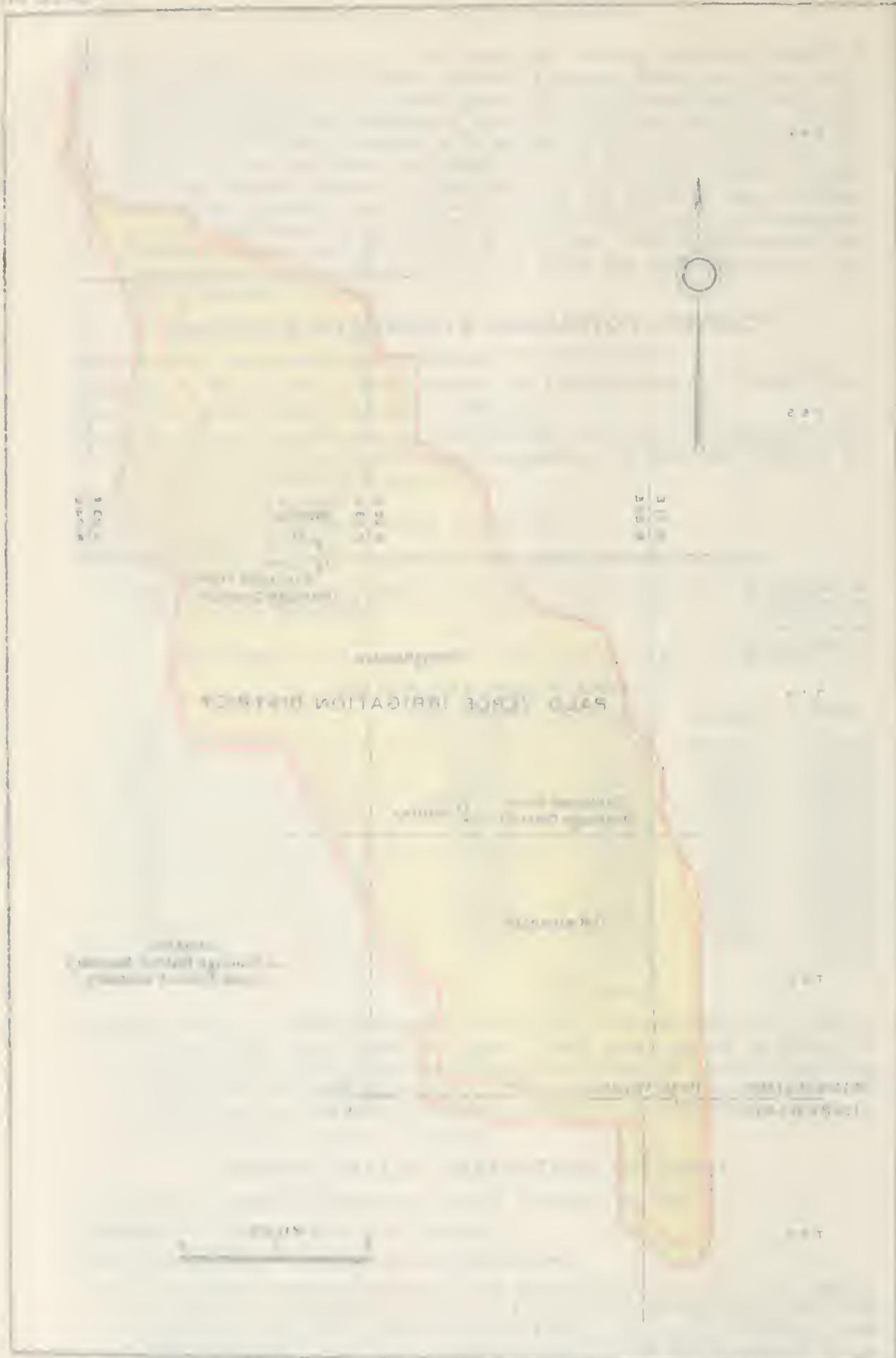
**Location:** In Owens Valley, Inyo County.

**Area:** Gross, 53,990 acres. Developed, 10,000 acres.

**Financial: Bonds—**Bonds to the amount of \$1,650,000 were voted by the district and validated by the Bond Certification Commission. Of this amount \$471,500 in bonds is outstanding. The city of Los Angeles, in a suit now pending, seeks to have the sale of the bonds declared invalid and the bonds returned to the district.



Palo Verde Irrigation District and Overlapping Levee and Drainage Districts



Palo Verde Irrigation District and Surrounding Area and its Neighboring Districts

**Remarks:** The city of Los Angeles has acquired a large portion of the land in the district, but will not construct irrigation works as originally contemplated. Bonds and interest are in default.

### PALMDALE IRRIGATION DISTRICT

**Organization:** Date of organization election, July 9, 1918.

**Location:** Surrounding Palmdale in Antelope Valley, Los Angeles County.

**Area:** Gross, 4756 acres. Developed, 1008 acres.

**Financial: Bonds**—Three bond issues have been voted by the district and validated by the Bond Certification Commission. The bonds of the third issue have not been sold.

First issue:

Dated January 15, 1920.

Due serially, 1941-1960, January 1 each year: \$7,640, 1941-1942; \$11,460, 1943-1944; \$15,280, 1945-1948; \$19,100, 1949-1952; \$22,920, 1953-1956; \$26,740, 1957-1958; \$30,560, 1959-1960.

Denominations \$1,000, \$100 and each odd maturity amount.

Interest 6%, Jan.-July 1, by California Bank, Los Angeles, California.

Outstanding and authorized, January 2, 1931----- \$382,000 00

Second issue:

Dated May 1, 1921.

Due serially, 1933-1942, January 1 each year: \$4,000, 1933, in increasing amounts to \$10,000, 1940; \$3,000, 1941-1942.

Interest 6%, Jan.-July 1, by California Bank, Los Angeles, California.

Outstanding and authorized, January 2, 1931----- \$63,000 00

Third issue:

Dated January 1, 1925.

Due serially, 1941-1960, January 1, \$5,000 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by California Bank, Los Angeles, California.

Authorized, but unsold, January 2, 1931----- \$100,000 00

Outstanding bonded debt, January 2, 1931----- \$445,000 00

Unissued (third issue)----- 100,000 00

Authorized ----- \$545,000 00

**Overlaps:** Portion of area in Los Angeles County Flood Control District.

**Remarks:** The district has not paid bond interest due January 1, 1926, or subsequent thereto. Tax delinquencies as of January 2, 1931, amounted to approximately \$150,000. The district owns Littlerock Dam jointly with Littlerock Creek Irrigation District, but is short of water. First bond maturities of the latter district are also in default. In both Littlerock and Palmdale districts a reorganization scheme has been proposed and efforts are being made to work out the difficulties (see Littlerock Creek).

### PALO VERDE IRRIGATION DISTRICT

**Organization:** This district was organized under a special act of the Legislature October 23, 1923, this act being amended in 1925 and 1927. The unusual conditions existing within this area made organization under the California Irrigation District Act impractical.

**Location:** On the west side of the Colorado River in the southeast corner of Riverside County and the northeast corner of Imperial County.

**Area:** Gross, 88,693 acres. Developed, 25,000 acres.

**Financial: Bonds**—Upon organization, district was subject to the existing liens of Palo Verde Mutual Water Company, Palo Verde Joint Levee District, and Palo Verde Drainage District. District acquired 41,795 shares of the capital stock of Palo Verde Mutual Water Company by purchase and assumed the company's bonded debt of \$350,000. The properties and liabilities of the Joint Levee District and Drainage District were assumed, although the liabilities remain as a lien against the lands originally included in the respective districts. Two issues were voted by the district and validated by the Bond Certification Commission in 1925.

First and second issues:

Dated September 1, 1925.

Due serially, 1937-1955, July 1 each year in varying amounts.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by Treasurer of Riverside County, Riverside, California.

Outstanding, January 2, 1931-----	\$1,938,000 00
Unissued -----	1,562,000 00
Authorized -----	\$3,500,000 00

Total bonded debt of district:

Palo Verde Irrigation District—first and second issues outstanding, January 2, 1931-----	\$1,938,000 00
Palo Verde Drainage District—first issue outstanding, January 2, 1931 -----	850,000 00
Palo Verde Joint Levee District—first issue outstanding, May 2, 1930 -----	933,952 00
Palo Verde Joint Levee District—second issue outstanding, November 2, 1930-----	308,378 00
Palo Verde Mutual Water Company—outstanding, February 2, 1930 -----	200,000 00
Total outstanding, January 2, 1931-----	\$4,230,330 00
Retired -----	683,000 00
Unissued -----	1,562,000 00
Authorized -----	\$6,475,330 00

**Overlaps:** Palo Verde Joint Levee District and Palo Verde Drainage District.

**Remarks:** The county tax rates for Imperial and Riverside counties are \$2.63 and \$3.39, respectively, per \$100 of assessed valuation.

First default occurred in interest due in May, 1930. A bondholders committee has been organized and an investigation of the district has been made by the United States Reclamation Service resulting in a report to Washington, D. C. No action has yet been taken by the Federal Government, but some aid to the district is anticipated.

A recent comprehensive study of the physical and financial condition of Palo Verde Irrigation District by the State Engineer brought forth the following conclusions: that (1) an emergency exists relative to river control which should receive immediate attention, (2) under present conditions it is impossible for the district to finance its operation charges and anticipated river expense, (3) it is desirable that the Federal Government assume control of the Colorado River and the protective system of the district, (4) the Federal Government should reimburse the district for a material portion of the moneys previously expended for river protection upon a reasonable assurance that the district will thereby be placed upon a sound financial basis, (5) economic investigation shows the present tax rate must be reduced from \$19 to \$10 per acre per annum, and (6) predicated upon Federal assistance to the extent of at least \$1,000,000, bond readjustment on the basis of forty cents on the dollar is essential to the future success of the district and readjustment on a higher basis is economically unsound.

PARADISE IRRIGATION DISTRICT

**Organization:** Date of organization election, March 7, 1916.

**Location:** In Butte County, township 22 north, ranges 3 and 4 east, M. D. B. and M., lying between Little Butte Creek and the west branch of Feather River.

**Area:** Gross, 11,250 acres. Developed, 3300 acres.

**Financial: Bonds**—Two bond issues have been validated by the Bond Certification Commission and sold by the district.

First issue :

Dated May 1, 1917.

Due serially, 1938-1957, May 1 each year.

Denominations \$1,000, \$500.

Interest 6%, Jan.-July 1, by District Treasurer at Paradise, California.

Outstanding and authorized, January 2, 1931----- \$350,000 00

Second issue :

Dated July 1, 1920.

Due serially, 1925-1956, July 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer at Paradise, California.

Outstanding, January 2, 1931----- \$132,000 00

Retired ----- 8,000 00

Authorized ----- \$140,000 00

Outstanding bonded debt, January 2, 1931----- \$482,000 00

Retired ----- 8,000 00

Authorized ----- \$490,000 00

MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930-----	\$482,000			
1931-----	480,000	\$2,000	\$28,860	\$30,860
1932-----	478,000	2,000	28,740	30,740
1933-----	476,000	2,000	28,620	30,620
1934-----	474,000	2,000	28,500	30,500
1935-----	471,000	3,000	28,350	31,350
1936-----	468,000	3,000	28,170	31,170
1937-----	465,000	3,000	27,990	30,990
1938-----	455,000	10,000	27,530	37,530
1939-----	445,000	10,000	26,930	36,930
1940-----	431,500	13,500	26,190	39,690
1941-----	417,000	14,500	25,350	39,850
1942-----	399,000	18,000	24,340	42,340
1943-----	380,000	19,000	23,230	42,230
1944-----	361,000	19,000	22,090	41,090
1945-----	341,000	20,000	20,920	40,920
1946-----	317,500	23,500	19,580	43,080
1947-----	295,000	22,500	18,200	40,700
1948-----	272,500	22,500	16,850	39,350
1949-----	249,000	23,500	15,470	38,970
1950-----	222,000	27,000	13,920	40,920
1951-----	194,000	28,000	12,270	40,270
1952-----	165,000	29,000	10,560	39,560
1953-----	135,000	30,000	8,790	38,790
1954-----	100,500	34,500	6,820	41,320
1955-----	66,000	34,500	4,750	39,250
1956-----	28,000	38,000	2,540	40,540
1957-----		28,000	560	28,560

\$482,000

**Remarks:** About 30% of the district is developed, this area consisting almost entirely of plantings of deciduous fruits and nuts. Operation and maintenance costs for 1929, exclusive of bond interest and redemption charges, amounted to \$1.41 per acre of gross area. The county tax rate for Butte County is \$3.15 per \$100 of assessed valuation.

## POTTER VALLEY IRRIGATION DISTRICT

**Organization:** Date of organization election, April 1, 1924.

**Location:** In Mendocino County, township 17 north, ranges 11 and 12 west, M. D. B. and M., about 15 miles northeast of Ukiah.

**Area:** Gross, 5042 acres. Developed, 2500 acres.

**Financial: Bonds**—Bonds to the amount of \$100,000 have been voted by the district and validated by the Bond Certification Commission.

Dated July 1, 1928.

Due serially, 1933-1952, July 1 each year.

Interest  $5\frac{1}{2}\%$ .

Outstanding bonded debt, January 2, 1931----- \$97,000 00

Unissued ----- 3,000 00

Authorized ----- \$100,000 00

## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1932	\$97,000			
1933	92,000	\$5,000	\$5,197	\$10,197
1934	87,000	5,000	4,922	9,422
1935	82,000	5,000	4,647	9,647
1936	77,000	5,000	4,372	9,372
1937	72,000	5,000	4,097	9,097
1938	67,000	5,000	3,822	8,822
1939	62,000	5,000	3,547	8,547
1940	57,000	5,000	3,272	8,272
1941	52,000	5,000	2,997	7,997
1942	47,000	5,000	2,722	7,722
1943	42,000	5,000	2,447	7,447
1944	37,000	5,000	2,172	7,172
1945	32,000	5,000	1,897	6,897
1946	27,000	5,000	1,622	6,622
1947	22,000	5,000	1,347	6,347
1948	17,000	5,000	1,072	6,072
1949	15,000	2,000	880	2,880
1950	10,000	5,000	687	5,687
1951	5,000	5,000	412	5,412
1952		5,000	137	5,137
			\$97,000	

**Remarks:** District has recently completed its irrigation works. About one-third of developed area is planted to deciduous fruits. The county tax rate for Mendocino County is \$2.80 per \$100 of assessed valuation.

## PRINCETON-CODORA-GLENN IRRIGATION DISTRICT

**Organization:** Date of organization election, December 9, 1916.

**Location:** In Glenn and Colusa counties, along the west side of the Sacramento River, adjoining Provident Irrigation District.

**Area:** Gross, 13,656 acres. Developed, 13,000 acres.

**Financial: Bonds**—One issue of bonds has been validated by the Bond Certification Commission and sold by the district.

Dated July 1, 1918.

Due serially, 1939-1958, July 1 each year.

Denominations \$1,000, \$500, \$250.

Interest 6%, Jan.-July 1, by Treasurer of District at Princeton, California.

Outstanding and authorized, January 2, 1931----- \$175,000 00

## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1938	\$175,000			
1939	171,500	\$3,500	\$10,395	\$13,895
1940	168,000	3,500	10,185	13,685
1941	162,750	5,250	9,922	15,172
1942	157,500	5,250	9,607	14,857
1943	150,500	7,000	9,240	16,240

Year	Outstanding	Maturities	Interest	Total
1944	\$143,500	\$7,000	\$8,820	\$15,820
1945	136,500	7,000	8,400	15,400
1946	129,500	7,000	7,980	14,980
1947	120,750	8,750	7,507	16,257
1948	112,000	8,750	6,982	15,732
1949	103,250	8,750	6,457	15,207
1950	94,500	8,750	5,932	14,682
1951	84,000	10,500	5,355	15,855
1952	73,500	10,500	4,725	15,225
1953	63,000	10,500	4,095	14,595
1954	52,500	10,500	3,465	13,965
1955	40,250	12,250	2,782	15,032
1956	28,000	12,250	2,047	14,297
1957	14,000	14,000	1,260	15,260
1958		14,000	420	14,420
		\$175,000		

**Overlaps:** Reclamation District No. 2047, Glenn County Levee Districts Nos. 1 and 2, and Assessment No. 6, Sacramento and San Joaquin Drainage District.

**Remarks:** The county tax rates for Glenn and Colusa counties are \$2.14 and \$2.10, respectively, per \$100 of assessed valuation.

**PROVIDENT IRRIGATION DISTRICT**

**Organization:** Date of organization election, April 27, 1918.

**Location:** In Glenn and Colusa counties, lying in the trough of Colusa Basin between Glenn-Colusa and Princeton-Codora-Glenn irrigation districts.

**Area:** Gross, 22,805 acres. Developed, 8000 acres.

**Financial: Bonds**—Two bond issues have been validated by the Bond Certification Commission and sold by the district.

First issue:

Dated August 15, 1918.

Due serially, 1930-1949, August 15, each year: \$20,000, 1930, and in increasing amounts to \$80,000, 1949.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer at Willows, California.

Outstanding and authorized, January 2, 1931-----\$1,000,000 00

Second issue:

Dated August 9, 1921.

Due serially, 1922-1933, July 1 each year: \$15,000, 1922, and in increasing amounts to \$25,000, 1928; \$27,000, 1929; \$8,000, 1930, and decreasing thereafter to \$3,000, 1933.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer at Willows, California.

Outstanding, January 2, 1931----- \$4,000 00

Retired ----- 186,000 00

Authorized ----- \$190,000 00

Outstanding bonded debt, January 2, 1931----- \$1,004,000 00

Retired ----- 186,000 00

Authorized ----- \$1,190,000 00

**Overlaps:** Reclamation District No. 2047, Glenn County Levee Districts Nos. 1 and 2, and Assessment No. 6, Sacramento and San Joaquin Drainage District.

**Remarks:** Bonds are in default in both principal and interest. A bondholders committee has been formed and deposit of bonds has been requested. Most of the developed acreage is cropped in rice. Operation and maintenance costs for 1929, exclusive of bond interest and redemption charges, amounted to \$2.23 per acre of gross area. The county tax rates for Glenn and Colusa counties are \$2.14 and \$2.10, respectively, per \$100 of assessed valuation.

RAMONA IRRIGATION DISTRICT

**Organization:** Date of organization election, July 27, 1925.

**Location:** In San Diego County, township 13 south, range 1 east, S. B. B. and M., on Santa Maria Creek.

**Area:** Gross, 650 acres. Developed, 610 acres.

**Financial: Bonds**—One issue of bonds has been validated by the Bond Certification Commission and sold by the district.

Dated July 1, 1926.

Due serially, 1947-1966, July 1 each year.

Denomination \$500.

Interest 6%, Jan.-July 1 each year, Bank of America of California, Ramona, California.

Outstanding and authorized, January 2, 1931----- \$91,000 00

MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1946-----	\$91,000			
1947-----	89,500	\$1,500	\$5,415	\$6,915
1948-----	88,000	1,500	5,325	6,825
1949-----	85,000	3,000	5,190	8,190
1950-----	82,000	3,000	5,010	8,010
1951-----	78,500	3,500	4,815	8,315
1952-----	75,000	3,500	4,605	8,105
1953-----	71,500	3,500	4,395	7,895
1954-----	68,000	3,500	4,185	7,685
1955-----	63,500	4,500	3,945	8,445
1956-----	59,000	4,500	3,675	8,175
1957-----	54,500	4,500	3,405	7,905
1958-----	50,000	4,500	3,135	7,635
1959-----	44,500	5,500	2,835	8,335
1960-----	39,000	5,500	2,505	8,005
1961-----	33,500	5,500	2,175	7,675
1962-----	28,000	5,500	1,845	7,345
1963-----	21,500	6,500	1,485	7,985
1964-----	15,000	6,500	1,095	7,595
1965-----	750	7,500	675	8,175
1966-----		7,500	225	7,725
		\$91,000		

**Remarks:** District is chiefly engaged in supplying water to the town of Ramona for domestic supply. Operating and maintenance costs for 1929, exclusive of bond interest charges, amounted to \$8.14 per acre of gross area. The county tax rate in San Diego County is \$2.18 per \$100 of assessed valuation.

RICHVALE IRRIGATION DISTRICT

**Organization:** Date of organization election, July, 1930.

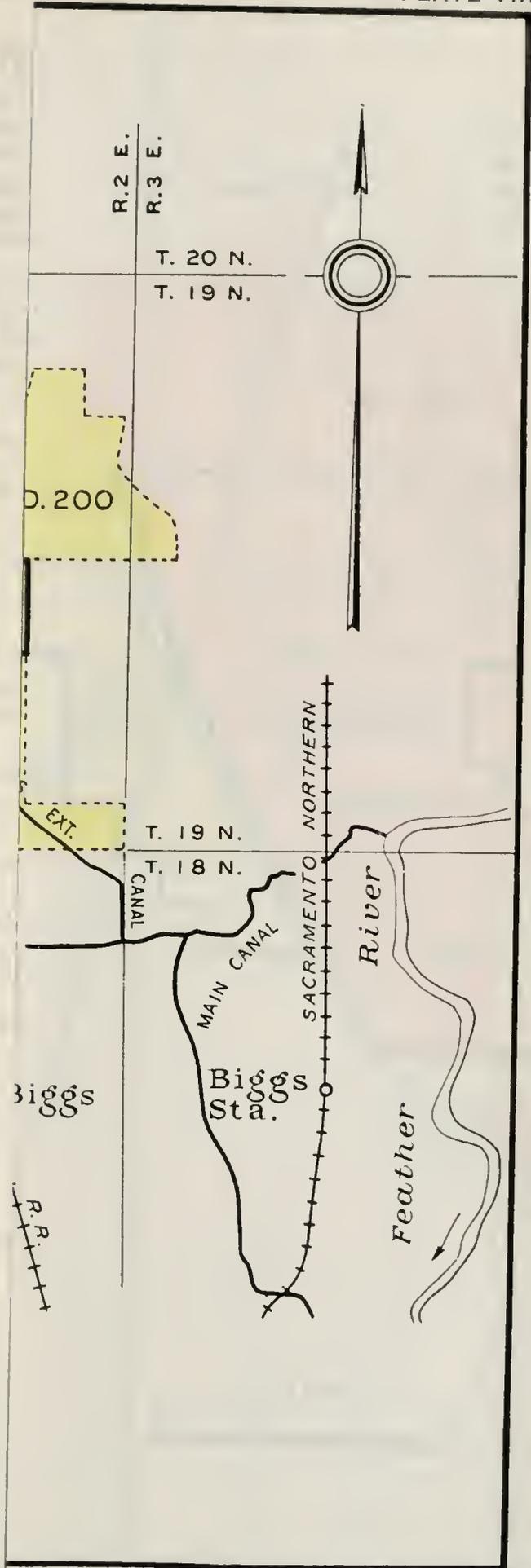
**Location:** In Butte County, townships 18 and 19 north, ranges 1 and 2 east, M. D. B. and M.

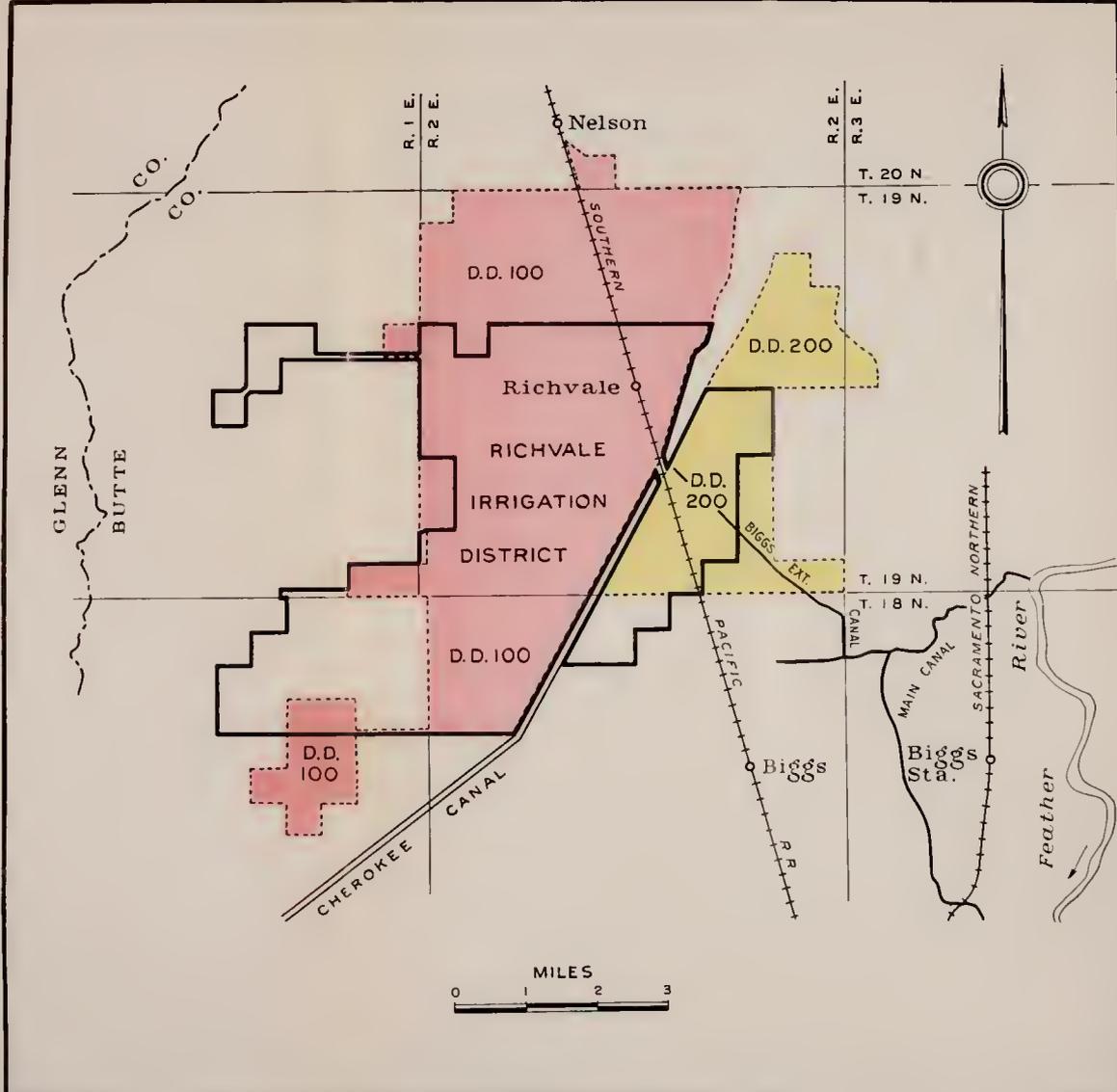
**Area:** Gross, 17,958 acres.

**Financial: Bonds**—Bonds to the amount of \$515,000 have been voted by the district. Maturities have not been fixed.

**Overlaps:** Butte County County Drainage Districts Nos. 100 and 200.

**Remarks:** Area has been in rice production for many years and district was organized to take over certain water rights and works owned by Sutter-Butte Canal Company. It is proposed to acquire one-sixth of all the Canal Company rights in Feather River water, one-sixth interest in main diversion dam and gates and main canal to Biggs extension canal, one-third interest in Biggs extension canal to Belding lateral and full interest in all canals, ditches and structures within the boundaries of the district at a purchase price of \$500,000. The exchange of district bonds is proposed at 97. The county tax rate for Butte County is \$3.15 per \$100 of assessed valuation.





Richvale Irrigation District and Overlapping Drainage Districts

RIVERDALE IRRIGATION DISTRICT

**Organization:** Date of organization election, April 10, 1920.

**Location:** In Fresno County, lying south of Murphy Slough and adjoining Crescent and Laguna Irrigation Districts.

**Area:** Gross, 15,830 acres. Developed, 15,000 acres.

**Financial: Bonds**—One issue of bonds has been validated by the Bond Certification Commission and sold by the district.

Dated October 1, 1922.

Due serially, 1925–1933, July 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer, Riverdale, California.

Outstanding, January 2, 1931----- \$50,000 00

Retired ----- 73,000 00

Authorized ----- \$123,000 00

MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930-----	\$50,000			
1931-----	34,000	\$16,000	\$2,520	\$18,520
1932-----	17,000	17,000	1,530	18,530
1933-----		17,000	510	17,510
		<u>\$50,000</u>		

**Overlaps:** Reclamation Districts Nos. 801 and 805.

**Remarks:** District was organized to participate in Pine Flat storage project. The county tax rate for Fresno County is \$2.20 per \$100 of assessed valuation.

SAN DIEGUITO IRRIGATION DISTRICT

**Organization:** Date of organization election, March 18, 1922. Consolidated with Cardiff Irrigation District.

**Location:** In San Diego County, on the coastal plane about 25 miles north of San Diego.

**Area:** Gross, 3900 acres. Developed, 2000 acres.

**Financial: Bonds**—One bond issue has been validated by the Bond Certification Commission and sold by the district.

Dated April 1, 1923.

Due serially, 1931–1950, January 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by Bank of Italy, N. T. and S. A., San Diego, California.

Outstanding, January 2, 1931----- \$389,000 00

Retired ----- 11,000 00

Authorized ----- \$400,000 00

MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930-----	\$400,000			
1931-----	389,000	\$11,000	\$23,340	\$34,340
1932-----	378,000	11,000	22,680	33,680
1933-----	366,000	12,000	21,960	33,960
1934-----	353,000	13,000	21,180	34,180
1935-----	339,000	14,000	20,340	34,340
1936-----	325,000	14,000	19,500	33,500
1937-----	310,000	15,000	18,600	33,600
1938-----	294,000	16,000	17,640	33,640
1939-----	277,000	17,000	16,620	33,620
1940-----	259,000	18,000	15,540	33,540
1941-----	240,000	19,000	14,400	33,400
1942-----	219,000	21,000	13,140	34,140
1943-----	197,000	22,000	11,820	33,820
1944-----	174,000	23,000	10,440	33,440



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RIVERDALE IRRIGATION DISTRICT

**Organization:** Date of organization election, April 10, 1920.

**Location:** In Fresno County, lying south of Murphy Slough and adjoining Crescent and Laguna Irrigation Districts.

**Area:** Gross, 15,830 acres. Developed, 15,000 acres.

**Financial: Bonds**—One issue of bonds has been validated by the Bond Certification Commission and sold by the district.

Dated October 1, 1922.

Due serially, 1925-1933, July 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer, Riverdale, California.

Outstanding, January 2, 1931----- \$50,000 00

Retired ----- 73,000 00

Authorized ----- \$123,000 00

MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930-----	\$50,000			
1931-----	34,000	\$16,000	\$2,520	\$18,520
1932-----	17,000	17,000	1,530	18,530
1933-----		17,000	510	17,510
		\$50,000		

**Overlaps:** Reclamation Districts Nos. 801 and 805.

**Remarks:** District was organized to participate in Pine Flat storage project. The county tax rate for Fresno County is \$2.20 per \$100 of assessed valuation.

SAN DIEGUITO IRRIGATION DISTRICT

**Organization:** Date of organization election, March 18, 1922. Consolidated with Cardiff Irrigation District.

**Location:** In San Diego County, on the coastal plane about 25 miles north of San Diego.

**Area:** Gross, 3900 acres. Developed, 2000 acres.

**Financial: Bonds**—One bond issue has been validated by the Bond Certification Commission and sold by the district.

Dated April 1, 1923.

Due serially, 1931-1950, January 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by Bank of Italy, N. T. and S. A., San Diego, California.

Outstanding, January 2, 1931----- \$389,000 00

Retired ----- 11,000 00

Authorized ----- \$400,000 00

MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930-----	\$400,000			
1931-----	389,000	\$11,000	\$23,340	\$34,340
1932-----	378,000	11,000	22,680	33,680
1933-----	366,000	12,000	21,960	33,960
1934-----	353,000	13,000	21,180	34,180
1935-----	339,000	14,000	20,340	34,340
1936-----	325,000	14,000	19,500	33,500
1937-----	310,000	15,000	18,600	33,600
1938-----	294,000	16,000	17,640	33,640
1939-----	277,000	17,000	16,620	33,620
1940-----	259,000	18,000	15,540	33,540
1941-----	240,000	19,000	14,400	33,400
1942-----	219,000	21,000	13,140	34,140
1943-----	197,000	22,000	11,820	33,820
1944-----	174,000	23,000	10,440	33,440

DIVISION OF WATER RESOURCES

Year	Outstanding	Maturities	Interest	Total
1945	\$149,000	\$25,000	\$8,940	\$33,940
1946	123,000	26,000	7,380	33,380
1947	95,000	28,000	5,700	33,700
1948	65,000	30,000	3,900	33,900
1949	33,000	32,000	1,980	33,980
1950		33,000		33,000
		<u>\$400,000</u>		

Warrants—\$4,064.19 (Jan. 1, 1930).

Remarks: The district supplies water to the towns of Cardiff and Encinitas. About one-third of the developed area is planted to citrus fruits. The operation and maintenance charges for 1929, exclusive of bond interest and redemption charges, amounted to \$7.07 per acre of gross area. The county tax rate for San Diego County is \$2.18 per \$100 of assessed valuation.

SANTA FE IRRIGATION DISTRICT

Organization: Date of organization election, February 14, 1923.

Location: In San Diego County, lying between San Elijo Creek and San Dieguito River near Del Mar.

Area: Gross, 9258 acres. Developed, 2400 acres.

Financial: Bonds—One bond issue has been validated by the Bond Certification Commission and sold by the district.

Dated November 1, 1923.

Due serially, 1933-1952, July 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, at Bank of Italy, N. T. and S. A., San Diego, California.

Outstanding and authorized, January 2, 1931----- \$700,000 00

MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1932	\$700,000			
1933	681,000	\$19,000	\$41,430	\$60,430
1934	661,000	20,000	40,260	60,260
1935	641,000	20,000	39,060	59,060
1936	618,000	23,000	37,770	60,770
1937	594,000	24,000	36,360	60,360
1938	568,000	26,000	34,860	60,860
1939	541,000	27,000	33,270	60,270
1940	512,000	29,000	31,590	60,590
1941	482,000	30,000	29,820	59,820
1942	450,000	32,000	27,960	59,960
1943	416,000	34,000	25,980	59,980
1944	380,000	36,000	23,880	59,880
1945	341,000	39,000	21,630	60,630
1946	301,000	40,000	19,260	59,260
1947	258,000	43,000	16,770	59,770
1948	212,000	46,000	14,100	60,100
1949	163,000	49,000	11,250	60,250
1950	112,000	51,000	8,250	59,250
1951	58,000	54,000	5,100	59,100
1952		58,000	1,740	59,740
		<u>\$700,000</u>		

Remarks: The district is becoming a suburban area and water for domestic use is being supplied by the district. San Dieguito Irrigation District is joint owner in the irrigation works. About 90% of the developed area is planted to citrus fruits. The operation and maintenance costs for 1929, exclusive of bond interest and redemption charges, amounted to \$3.44 per acre of gross area. The county tax rate for San Diego County is \$2.18 per \$100 of assessed valuation.

SAN YSIDRO IRRIGATION DISTRICT

Organization: Date of organization election, March 11, 1911.

Location: In San Diego County, surrounding San Ysidro and lying immediately north of the California-Mexico boundary.

Area: Gross, 497 acres. Developed, 435 acres.

**Financial: Bonds**—One bond issue of \$25,000 was validated by the Bond Certification Commission.

Dated January 1, 1913.

Due serially, 1934-1943, January 1 each year.

Interest  $5\frac{1}{2}\%$ , payable at office of district, San Ysidro, California.

Outstanding, January 2, 1931----- \$25,000 00

#### MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1933-----	\$25,000			
1934-----	23,750	\$1,250	\$1,187	\$2,437
1935-----	22,250	1,500	1,112	2,612
1936-----	20,500	1,750	1,025	2,775
1937-----	18,500	2,000	925	2,925
1938-----	16,250	2,250	812	3,062
1939-----	13,750	2,500	687	3,187
1940-----	11,000	2,750	550	3,300
1941-----	7,750	3,250	387	3,637
1942-----	4,000	3,750	200	3,950
1943-----		4,000		4,000
		\$25,000		

**Warrants**—\$25,259.36 (outstanding, Jan. 1, 1930).

**Remarks:** The district is largely a residential area. The original irrigation works were destroyed by floods and reconstruction was financed through the issuance of warrants. Operation and maintenance charges for 1929, exclusive of bond interest and redemption charges, amounted to \$35.36 per acre of gross area. The county tax rate for San Diego County is \$2.18 per \$100 of assessed valuation.

#### SCOTT VALLEY IRRIGATION DISTRICT

**Organization:** Date of organization election, July 7, 1917.

**Location:** In Siskiyou County, Scott River Valley.

**Area:** Gross, 5124 acres. Developed, 5100 acres.

**Financial: Bonds**—One bond issue has been validated by the Bond Certification Commission and sold by the district.

Dated July 1, 1920.

Due serially, 1923-1937, July 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by Scott Valley Bank at Fort Jones, California.

Outstanding, January 2, 1931----- \$69,000 00

Retired ----- 56,000 00

Authorized ----- \$125,000 00

#### MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930-----	\$69,000			
1931-----	60,000	\$9,000	\$3,870	\$12,870
1932-----	50,000	10,000	3,300	13,300
1933-----	40,000	10,000	2,700	12,700
1934-----	30,000	10,000	2,100	12,100
1935-----	20,000	10,000	1,500	11,500
1936-----	10,000	10,000	900	10,900
1937-----		10,000	300	10,300
		\$69,000		

**Remarks:** District has never sold any tax deeds, all delinquencies having been paid before tax sale. A water shortage exists and additional storage and irrigation works may be required. The county tax rate for Siskiyou County is \$3.11 per \$100 of assessed valuation.

#### SERRANO IRRIGATION DISTRICT

**Organization:** Date of organization election, July 12, 1927.

**Location:** In Orange County, on the north side of Santiago Creek and east of Orange.



Year	Outstanding	Maturities	Interest	Total
1943-----	\$12,500	\$6,500	\$750	\$7,250
1944-----	6,500	6,000	390	6,390
1945-----		6,500		6,500
		\$94,000		

**Overlaps:** Los Angeles County Flood Control District.

**Remarks:** District lies within corporate limits of city of Montebello and is becoming a residential area. It is well developed, approximately 50% of cultivated area being planted to citrus fruits. The county tax rate for Los Angeles County is \$1.57 per \$100 of assessed valuation.

### SOUTH SAN JOAQUIN IRRIGATION DISTRICT

**Organization:** Date of organization election, May 11, 1909.

**Location:** In San Joaquin County, lying north of Stanislaus River and surrounding Manteca and Escalon.

**Area:** Gross, 71,112 acres. Developed, 68,734 acres.

**Financial: Bonds**—Six issues of bonds have been validated by the Bond Certification Commission and sold by the district.

First issue:

Dated July 1, 1910.

Due serially, 1931-1940, July 1 each year.

Denominations \$500, \$250.

Interest 5%, Jan.-July 1, by District Treasurer, Ripon, California, or Irving Bank-Columbia Trust Company, New York.

Outstanding and authorized, January 2, 1931----- \$1,875,000 00

Second issue:

Dated April 18, 1913.

Due serially, 1934-1943, April 18 each year.

Denominations \$500, \$250, \$100.

Interest 5%, Jan.-July 1, by District Treasurer, Ripon, California, or Irving Bank-Columbia Trust Company, New York.

Outstanding and authorized, January 2, 1931----- \$1,170,000 00

Third issue:

Dated July 1, 1913.

Due serially, 1934-1943, July 1 each year.

Denominations \$500, \$100.

Interest 5%, Jan.-July 1, by District Treasurer, Ripon, California, or Irving Bank-Columbia Trust Company, New York.

Outstanding and authorized, January 2, 1931----- \$790,000 00

Fourth issue:

Dated September 1, 1919.

Due serially, 1940-1959, September 1 each year.

Denomination \$1,000.

Interest 5½%, Jan.-July 1, by District Treasurer, Ripon, California.

Outstanding and authorized, January 2, 1931----- \$500,000 00

Fifth issue:

Dated November 6, 1923.

Due serially, 1944-1963, July 1 each year.

Denominations \$1,000, \$500.

Interest 5½%, Jan.-July 1, by District Treasurer, Ripon, California.

Outstanding and authorized, January 2, 1931----- \$550,000 00

Sixth issue:

Dated June 21, 1925.

Due serially, 1927-1965, January 1 each year.

Denomination \$1,000.

Interest 5%, Jan.-July 1, by District Treasurer, Ripon, California, First National Bank, New York, or Anglo and London Paris National Bank, San Francisco.	
Outstanding, January 2, 1931-----	\$1,055,000 00
Retired -----	45,000 00
Authorized -----	\$1,100,000 00
Outstanding bonded debt, January 2, 1931-----	
Retired -----	45,000 00
Authorized -----	\$5,985,000 00

## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930-----	\$5,950,000			
1931-----	5,846,250	\$103,750	\$299,906	\$403,625
1932-----	5,723,750	122,500	294,250	416,750
1933-----	5,577,500	146,250	287,406	433,656
1934-----	5,314,500	263,000	276,590	539,590
1935-----	5,013,150	301,350	262,364	563,714
1936-----	4,673,450	339,700	246,221	585,921
1937-----	4,293,400	378,050	228,160	606,210
1938-----	3,860,250	435,150	207,713	642,863
1939-----	3,368,000	492,250	184,411	676,661
1940-----	2,822,400	545,600	158,289	703,889
1941-----	2,537,600	284,800	137,245	422,045
1942-----	2,208,600	329,000	121,650	450,650
1943-----	1,860,000	348,600	104,518	453,118
1944-----	1,809,000	51,000	96,330	147,330
1945-----	1,753,000	56,000	93,375	149,375
1946-----	1,691,500	61,500	90,269	151,769
1947-----	1,630,000	61,500	87,012	148,512
1948-----	1,558,000	72,000	83,511	155,511
1949-----	1,486,000	72,000	79,676	151,676
1950-----	1,409,000	77,000	75,591	152,591
1951-----	1,332,000	77,000	71,506	148,506
1952-----	1,244,500	87,500	67,178	154,678
1953-----	1,152,000	92,500	62,266	154,766
1954-----	1,059,500	92,500	57,353	149,853
1955-----	962,000	97,500	52,191	149,691
1956-----	854,000	108,000	46,785	154,785
1957-----	746,000	108,000	41,046	149,046
1958-----	633,000	113,000	35,214	148,214
1959-----	515,000	118,000	28,949	146,949
1960-----	426,500	88,500	23,016	111,516
1961-----	338,000	88,500	18,398	106,898
1962-----	244,000	94,000	13,630	107,630
1963-----	145,000	99,000	8,460	107,460
1964-----	85,000	60,000	4,250	64,250
1965-----		85,000		85,000
		\$5,950,000		

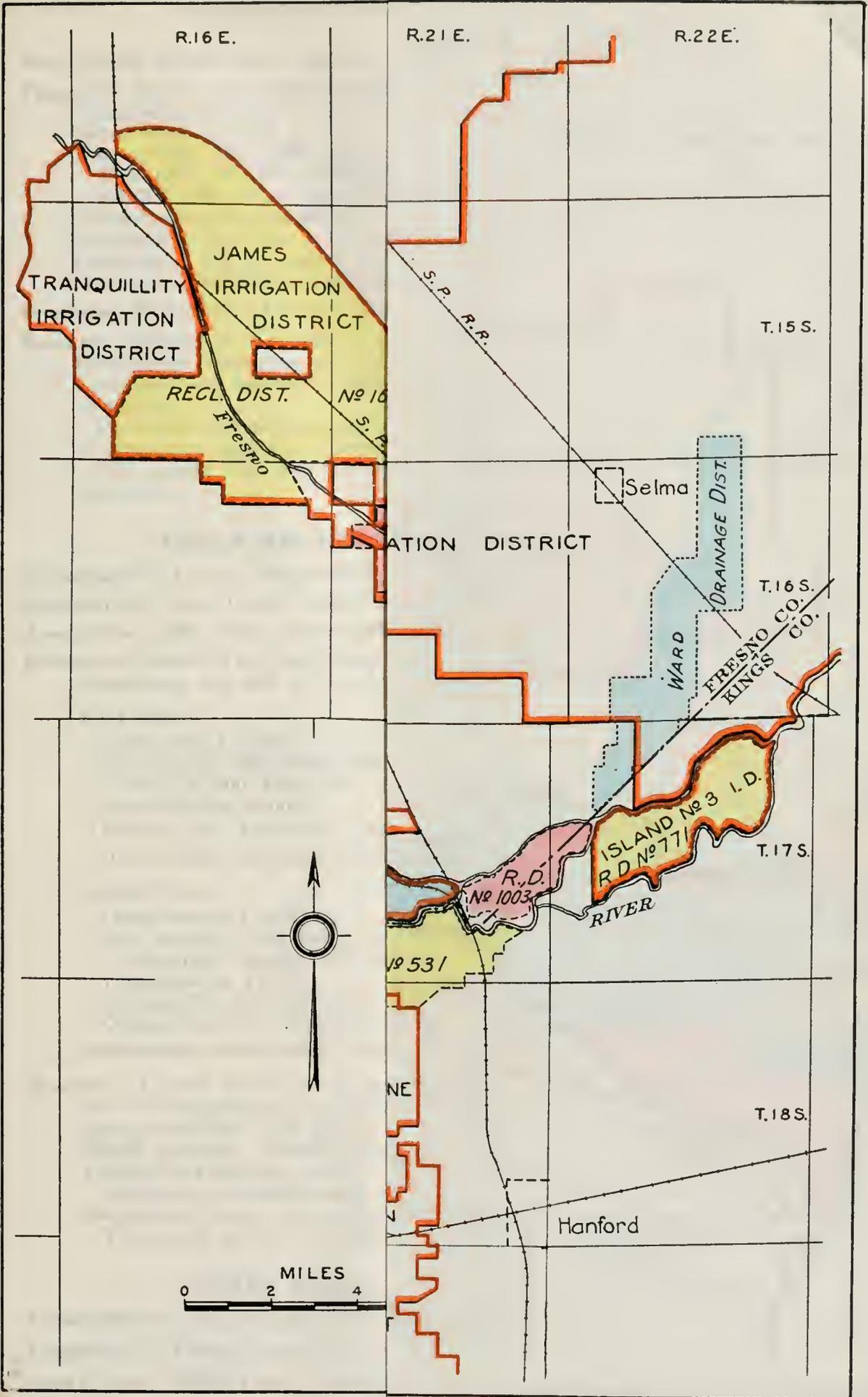
Warrants—\$121,105.45 (December 31, 1929).

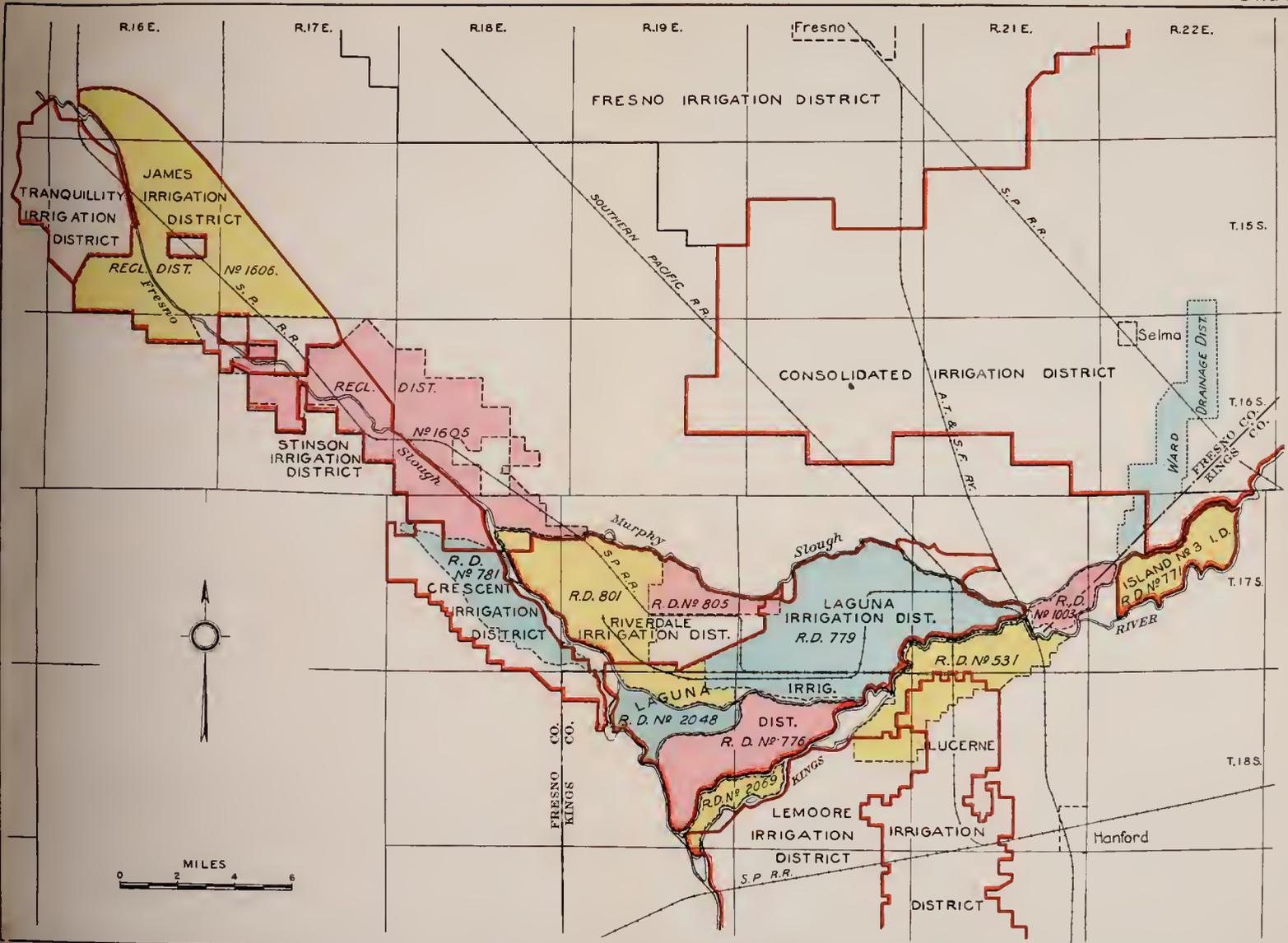
Remarks: South San Joaquin and Oakdale irrigation districts are joint owners of Melones dam and power plant, Goodwin diversion works, and main canal. An annual payment of \$64,687.50 by Pacific Gas and Electric Company for power generated by district water is used to pay the interest on and retire the bonds of the sixth issue. After this issue has been retired, the power revenue is to be used for other district purposes. This district suffers from a poorly conceived amortization schedule and plans are at present under way looking to the issuance of refunding bonds. The lands are well developed, approximately 22% of the cultivated area being in vines and deciduous fruits. Operation and maintenance costs for 1929, exclusive of bond interest and redemption charges, amounted to \$2.32 per acre of gross area. County tax rate for San Joaquin County is \$2.79 per \$100 of assessed valuation.

## STINSON IRRIGATION DISTRICT

Organization: Date of organization election, September 15, 1921.

Location: In Fresno County on the west side of Fresno Slough By-Pass between James and Crescent Irrigation Districts.





Irrigation Districts in Kings River Delta and Overlapping Reclamation and Drainage Districts

**Area:** Gross, 11,750 acres. Developed, 8000 acres.

**Financial: Bonds**—One issue of bonds has been validated by the Bond Certification Commission and sold by the district.

Dated April 1, 1923.

Due serially, 1931-1950, January 1 each year: \$7,200, 1931-1932; \$10,800, 1933-1934; \$14,400, 1935-1938; \$18,000, 1939-1942; \$21,600, 1943-1946; \$25,200, 1947-1948; \$28,800, 1949-1950.

Denominations \$1,000, \$100.

Interest 6%, Jan.-July 1, by District Treasurer at Fresno, California.

Outstanding and authorized, January 2, 1931----- \$360,000 00

**Warrants**—\$32,203.96 (January 7, 1930).

**Overlaps:** Reclamation Districts Nos. 781 and 1605.

**Remarks:** District is in default as of January 1, 1929, and subsequent thereto. A bondholders' committee has been formed and about 60% of the outstanding bonds has been deposited. (See Reclamation District No. 1605, which is also in default.)

Operation and maintenance charges for 1929 amounted to \$3.01 per acre of gross area exclusive of bond interest and redemption charges.

The county tax rate for Fresno County is \$2.20 per \$100 of assessed valuation.

### TABLE MOUNTAIN IRRIGATION DISTRICT

**Organization:** Date of organization election, April 4, 1922.

**Location:** In Butte County, about five miles northwest of Oroville.

**Area:** Gross, 1955 acres. Developed, 700 acres.

**Financial: Bonds**—Two bond issues have been validated by the Bond Certification Commission and sold by the district.

First issue:

Dated July 1, 1923.

Due serially, 1944-1963, July 1 each year: \$3,000, 1944-1945; \$4,000, 1946-1947; \$5,000, 1948-1951; \$7,000, 1952-1956; \$8,000, 1957-1963.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer, Oroville, California.

Outstanding and authorized, January 2, 1931----- \$125,000 00

Second issue:

Dated March 1, 1927.

Due serially, 1948-1967, January 1 each year: \$2,000, 1948-1951; \$3,000, 1952-1961; \$4,000, 1962-1967.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer, Oroville, California.

Outstanding and authorized, January 2, 1931----- \$62,000 00

Outstanding bonded debt, January 2, 1931----- \$187,000 00

**Remarks:** Interest due on bonds January and July, 1930, has not been paid in full due to delinquencies on a large acreage. District water is being used for power generation, the average income from this source being approximately \$2,800 annually. Water rights and irrigation works are owned jointly with Thermalito Irrigation District.

Operation and maintenance charges for 1929, exclusive of bond interest and redemption charges, amounted to \$3.19 per acre of gross area.

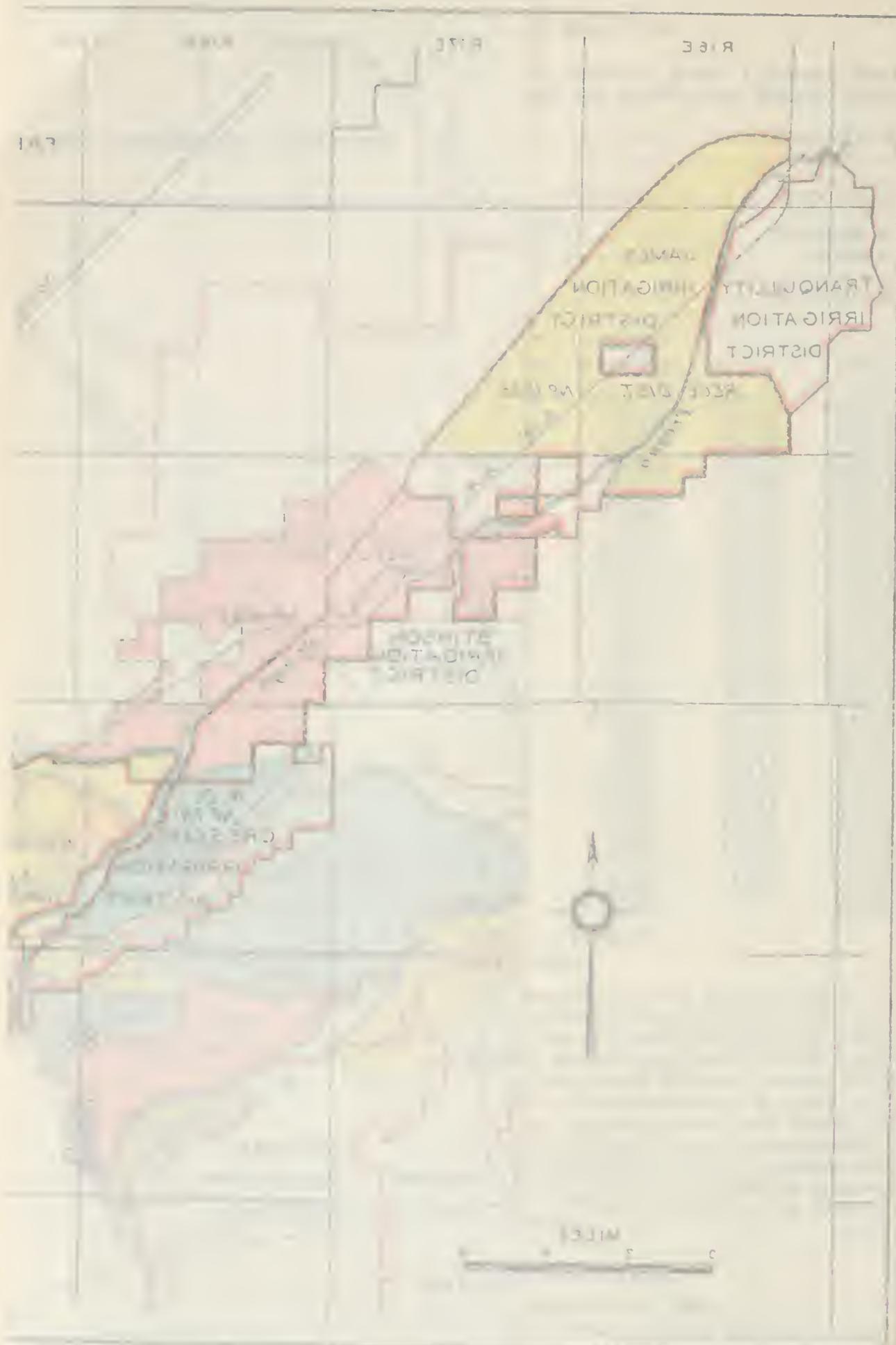
The county tax rate for Butte County is \$3.15 per \$100 of assessed valuation.

### TERRA BELLA IRRIGATION DISTRICT

**Organization:** Date of organization election, August 7, 1915.

**Location:** In Tulare County, about eight miles south of Porterville.

**Area:** Gross, 12,285 acres. Developed, 4400 acres.



**Area:** Gross, 11,750 acres. Developed, 8000 acres.

**Financial: Bonds**—One issue of bonds has been validated by the Bond Certification Commission and sold by the district.

Dated April 1, 1923.

Due serially, 1931-1950, January 1 each year: \$7,200, 1931-1932; \$10,800, 1933-1934; \$14,400, 1935-1938; \$18,000, 1939-1942; \$21,600, 1943-1946; \$25,200, 1947-1948; \$28,800, 1949-1950.

Denominations \$1,000, \$100.

Interest 6%, Jan.-July 1, by District Treasurer at Fresno, California.

Outstanding and authorized, January 2, 1931----- \$360,000 00

Warrants—\$32,203.96 (January 7, 1930).

**Overlaps:** Reclamation Districts Nos. 781 and 1605.

**Remarks:** District is in default as of January 1, 1929, and subsequent thereto. A bondholders' committee has been formed and about 60% of the outstanding bonds has been deposited. (See Reclamation District No. 1605, which is also in default.)

Operation and maintenance charges for 1929 amounted to \$3.01 per acre of gross area exclusive of bond interest and redemption charges.

The county tax rate for Fresno County is \$2.20 per \$100 of assessed valuation.

### TABLE MOUNTAIN IRRIGATION DISTRICT

**Organization:** Date of organization election, April 4, 1922.

**Location:** In Butte County, about five miles northwest of Oroville.

**Area:** Gross, 1955 acres. Developed, 700 acres.

**Financial: Bonds**—Two bond issues have been validated by the Bond Certification Commission and sold by the district.

First issue:

Dated July 1, 1923.

Due serially, 1944-1963, July 1 each year: \$3,000, 1944-1945; \$4,000, 1946-1947; \$5,000, 1948-1951; \$7,000, 1952-1956; \$8,000, 1957-1963.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer, Oroville, California.

Outstanding and authorized, January 2, 1931----- \$125,000 00

Second issue:

Dated March 1, 1927.

Due serially, 1948-1967, January 1 each year: \$2,000, 1948-1951; \$3,000, 1952-1961; \$4,000, 1962-1967.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer, Oroville, California.

Outstanding and authorized, January 2, 1931----- \$62,000 00

Outstanding bonded debt, January 2, 1931----- \$187,000 00

**Remarks:** Interest due on bonds January and July, 1930, has not been paid in full due to delinquencies on a large acreage. District water is being used for power generation, the average income from this source being approximately \$2,800 annually. Water rights and irrigation works are owned jointly with Thermalito Irrigation District.

Operation and maintenance charges for 1929, exclusive of bond interest and redemption charges, amounted to \$3.19 per acre of gross area.

The county tax rate for Butte County is \$3.15 per \$100 of assessed valuation.

### TERRA BELLA IRRIGATION DISTRICT

**Organization:** Date of organization election, August 7, 1915.

**Location:** In Tulare County, about eight miles south of Porterville.

**Area:** Gross, 12,285 acres. Developed, 4400 acres.

**Financial: Bonds**—One bond issue amounting to \$1,000,000 has been validated by the Bond Certification Committee and sold by the district.

Dated November 1, 1916.

Due serially, 1927-1946, November 1 each year.

Denominations \$1,000, \$500.

Interest 6%, Jan.-July 1, by District Treasurer at Terra Bella, California.

Outstanding bonded debt, January 2, 1931----- \*\$875,500 00

Retired ----- 124,500 00

Authorized ----- \$1,000,000 00

#### MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930-----	\$873,000			
1931-----	843,000	\$30,000	\$52,080	\$82,080
1932-----	818,000	25,000	50,330	75,330
1933-----	778,000	40,000	48,680	88,680
1934-----	738,000	40,000	46,280	86,280
1935-----	693,000	45,000	43,830	88,830
1936-----	643,000	50,000	41,080	91,080
1937-----	613,000	30,000	38,280	68,280
1938-----	563,000	50,000	36,280	86,280
1939-----	504,000	59,000	33,190	92,190
1940-----	444,000	60,000	29,640	89,640
1941-----	409,000	35,000	26,290	61,290
1942-----	352,000	57,000	23,970	80,970
1943-----	282,000	70,000	20,420	90,420
1944-----	203,000	79,000	16,130	95,130
1945-----	110,000	93,000	11,250	104,250
1946-----		110,000	5,500	115,500
		\$873,000		

\* \$2,500 in bond principal is delinquent.  
All interest is paid.

**Remarks:** District water supply is insufficient. Bondholders committee has been appointed and the deposit of bonds has been requested. Operation and maintenance costs for 1929, exclusive of bond interest and redemption charges, amounted to \$9.75 per acre of gross area. County tax rate for Tulare County is \$2.85 per \$100 of assessed valuation.

#### THERMALITO IRRIGATION DISTRICT

**Organization:** Date of organization election, March 24, 1922.

**Location:** In Butte County, on the north side of Feather River, northwest of Oroville.

**Area:** Gross, 3110 acres. Developed, 2000 acres.

**Financial: Bonds**—Two bond issues have been validated by the Bond Certification Commission and sold by the district.

First issue:

Dated March 1, 1923.

Due serially, 1934-1953, January 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer, Oroville, California.

Outstanding and authorized, January 2, 1931----- \$270,000 00

Second issue:

Dated May 1, 1926.

Due serially, 1947-1966, January 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer, Oroville, California.

Outstanding and authorized, January 2, 1931----- \$50,000 00

Outstanding bonded debt, January 2, 1931----- \$320,000 00

## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1933	\$320,000			
1934	315,000	\$5,000	\$18,900	\$23,900
1935	309,000	6,000	18,540	24,540
1936	301,000	8,000	18,060	26,060
1937	293,000	8,000	17,580	25,580
1938	282,000	11,000	16,920	27,920
1939	271,000	11,000	16,260	27,260
1940	260,000	11,000	15,600	26,600
1941	249,000	11,000	14,940	25,940
1942	236,000	13,000	14,160	27,160
1943	222,000	14,000	13,320	27,320
1944	209,000	13,000	12,540	25,540
1945	195,000	14,000	11,700	25,700
1946	179,000	16,000	10,740	26,740
1947	162,000	17,000	9,720	26,720
1948	145,000	17,000	8,700	25,700
1949	128,000	17,000	7,680	24,680
1950	107,000	21,000	6,420	27,420
1951	86,000	21,000	5,160	26,160
1952	63,000	23,000	3,780	26,780
1953	39,000	24,000	2,340	26,340
1954	37,000	2,000	2,220	4,220
1955	35,000	2,000	2,100	4,100
1956	32,000	3,000	1,920	4,920
1957	30,000	2,000	1,800	3,800
1958	27,000	3,000	1,620	4,620
1959	24,000	3,000	1,440	4,440
1960	21,000	3,000	1,260	4,260
1961	18,000	3,000	1,080	4,080
1962	15,000	3,000	900	3,900
1963	12,000	3,000	720	3,720
1964	8,000	4,000	480	4,480
1965	4,000	4,000	240	4,240
1966		4,000		4,000
		\$320,000		

**Remarks:** Thermalito and Table Mountain Irrigation Districts are joint owners of water rights and irrigation works and share equally in revenues derived from the use of the water for power generation, each district receiving about \$2,000 annually. Approximately 70% of the developed area is planted in vines, olives and fruits. The county tax rate for Butte County is \$3.15 per \$100 of assessed valuation.

## TIA JUANA RIVER IRRIGATION DISTRICT

**Organization:** Date of organization election, August 5, 1924.

**Location:** In San Diego County, lying north of the California-Mexico boundary on the Tia Juana River, near San Diego.

**Area:** Gross, 1511 acres.

**Financial: Bonds**—No bonds have been issued by the district. District assessments are levied for operating expenses.

**Remarks:** Plans to pump from Tia Juana River have been formulated by the district, but the work has not been carried out.

## TRACY CLOVER IRRIGATION DISTRICT

**Organization:** Date of organization election, May 9, 1922.

**Location:** In San Joaquin County, township 2 south, range 5 east, M. D. B. and M., one mile distant from Tracy.

**Area:** Gross, 1084 acres. Developed, 1033 acres.

**Financial: Bonds**—One issue of bonds has been validated by the Bond Certification Commission and sold by the district.

Dated May 1, 1923.

Due serially, 1939–1963, January 1 each year.

Denominations \$1,000 and one bond of \$170.

Interest 6%, Jan.-July 1, by District Treasurer, at Tracy, California.

Outstanding and authorized, January 2, 1931----- \$52,170 00

## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1938	\$52,170			
1939	50,000	\$2,170	\$3,000	\$5,170
1940	48,000	2,000	2,880	4,880
1941	46,000	2,000	2,760	4,760
1942	44,000	2,000	2,640	4,640
1943	42,000	2,000	2,520	4,520
1944	40,000	2,000	2,400	4,400
1945	38,000	2,000	2,280	4,280
1946	36,000	2,000	2,160	4,160
1947	34,000	2,000	2,040	4,040
1948	32,000	2,000	1,920	3,920
1949	30,000	2,000	1,800	3,800
1950	28,000	2,000	1,680	3,680
1951	26,000	2,000	1,560	3,560
1952	24,000	2,000	1,440	3,440
1953	22,000	2,000	1,320	3,320
1954	20,000	2,000	1,200	3,200
1955	18,000	2,000	1,080	3,080
1956	16,000	2,000	960	2,960
1957	14,000	2,000	840	2,840
1958	12,000	2,000	720	2,720
1959	10,000	2,000	600	2,600
1960	8,000	2,000	480	2,480
1961	6,000	2,000	360	2,360
1962	3,000	3,000	180	3,180
1963		3,000		3,000
				\$52,170

Overlaps: Sacramento and San Joaquin Drainage District.

Remarks: Operation and maintenance costs for 1929, exclusive of bond interest and redemption charges, amounted to \$5.11 per acre of gross area. County tax rate for San Joaquin County is \$2.79 per \$100 of assessed valuation.

## TRANQUILLITY IRRIGATION DISTRICT

Organization: Date of organization election, January 3, 1918.

Location: In Fresno County, lying west of Fresno Slough and adjoining James Irrigation District.

Area: Gross, 10,750 acres. Developed, 8200 acres.

Financial: *Bonds*—One bond issue of \$260,000 was validated by the Bond Certification Commission and sold by the district.

Dated January 1, 1920.

Due serially, 1924-1955, January 1 each year: \$1,000, 1924-1927; \$2,000, 1928-1930; \$3,000, 1931-1933, and in increasing amounts to \$18,000, 1954; \$12,000, 1955.

Denomination \$1,000.

Interest 5½%, Jan.-July 1, by District Treasurer at Tranquillity, California.

Outstanding, January 2, 1931----- \$250,000 00

Retired ----- 10,000 00

Authorized ----- \$260,000 00

Warrants—\$11,627.00 (January 1, 1930).

Remarks: District proposes to participate in the Pine Flat storage project. District was in default as of July 1, 1930, due to high percentage of delinquencies. It is short of water, having lost a portion of its water rights through litigation. The county tax rate for Fresno County is \$2.20 per \$100 of assessed valuation.

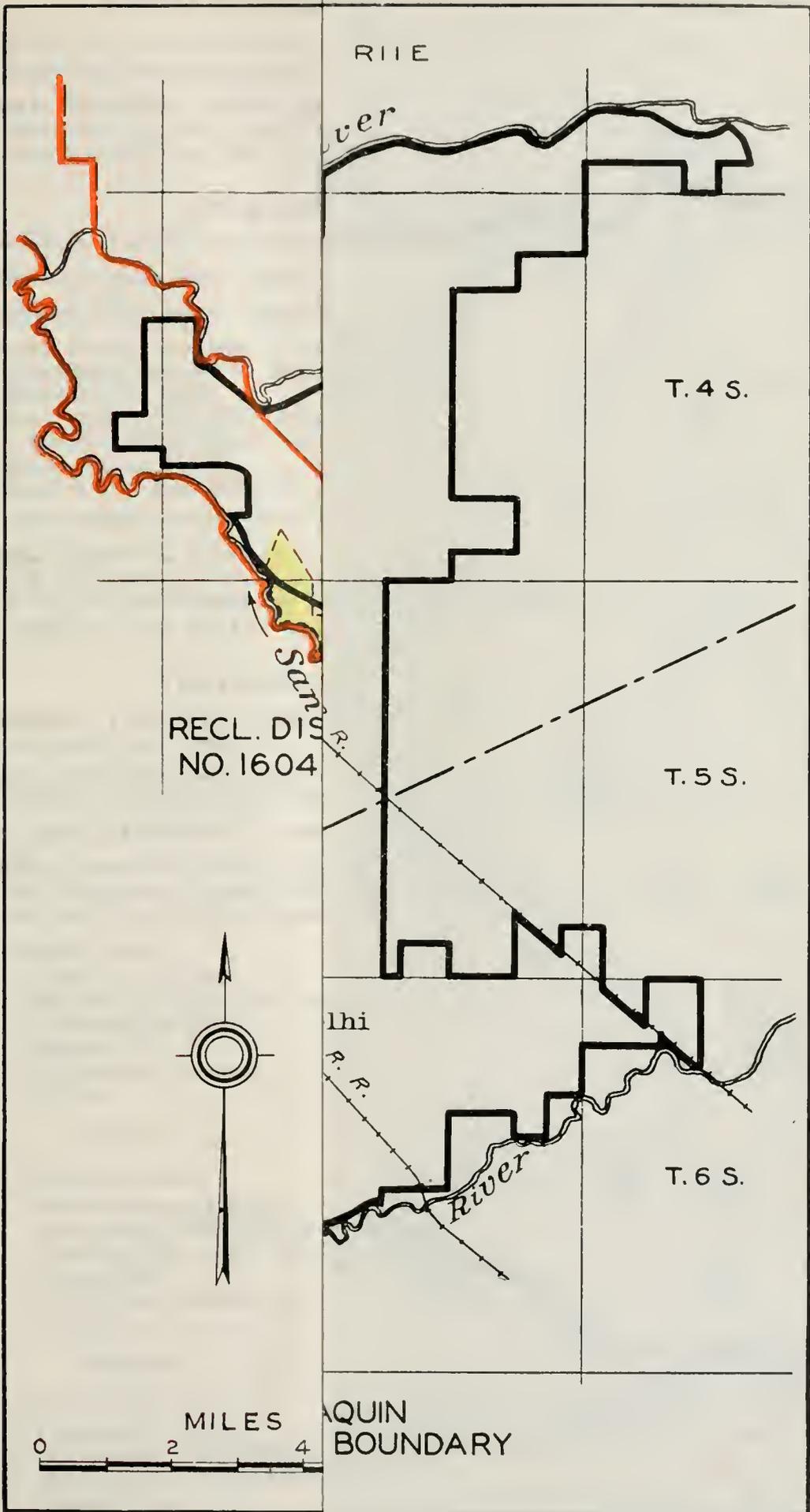
## TULARE IRRIGATION DISTRICT

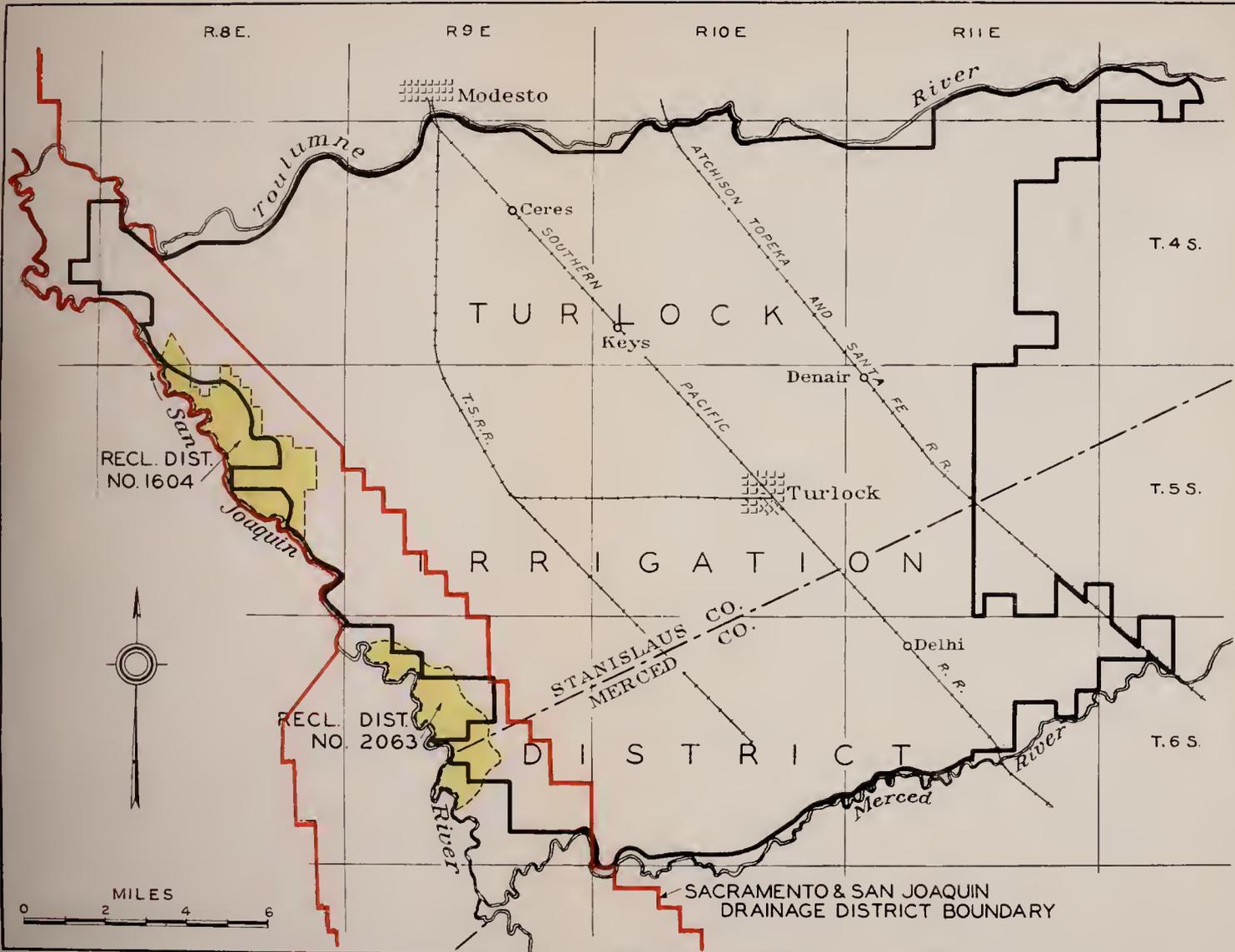
Organization: Date of organization election, September 21, 1889.

Location: Surrounding Tulare in Tulare County.

Area: Gross, 34,000 acres. Developed, 25,000 acres.

Financial: *Bonds*—The district originally sold bonds to the amount of \$500,000. These bonds were in default in 1895 and after several years inactivity the





Turlock Irrigation District and Overlapping Reclamation and and Drainage Districts

district was reorganized and the bonds bought back in 1903 for \$273,075. No bonds have been issued since.

**Remarks:** The district operates on a cash basis, collecting water tolls and levying assessments to meet operating expenses. The county tax rate for Tulare County is \$2.85 per \$100 of assessed valuation.

### TULE IRRIGATION DISTRICT

**Organization:** Date of organization election, June 14, 1920.

**Location:** In Lassen County, lying along the Susan River north of Honey Lake.

**Area:** Gross, 15,015 acres. Developed, 2500 acres.

**Financial: Bonds**—One issue of bonds has been validated by the Bond Certification Commission and sold by the district.

Dated July 1, 1921.

Due serially, 1926-1943, January 1 each year: \$8,000, 1926; \$13,000, 1927; \$18,000, 1928; \$24,000, 1929; \$31,000, 1930, to \$73,000, 1943.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer at Litchfield, California.

Outstanding and authorized, January 2, 1931----- \$803,000 00

**Remarks:** District is in default on both principal and interest as of July 1, 1925, and all subsequent interest and principal are unpaid. A bondholders committee has been formed and about 80% of the bonds has been deposited. The county tax rate for Lassen County is \$2.40 per \$100 of assessed valuation.

### TURLOCK IRRIGATION DISTRICT

**Organization:** Date of organization election, June 6, 1887. First district organized under the Wright Act.

**Location:** In Stanislaus and Merced counties, lying along the east side of the San Joaquin River between Tuolumne and Merced rivers.

**Area:** Gross, 181,498 acres. Developed, 133,754 acres.

**Financial: Bonds**—The district put out a refunding issue of bonds in 1901 and has since put out eight additional issues. All issues have been validated by the Bond Certification Commission.

Finding issue:

Dated July 1, 1902.

Due serially, 1922-1941, January 1 each year.

Denomination \$400.

Interest 5%.

Outstanding, January 2, 1931----- \$556,000 00

Retired ----- 600,000 00

Authorized ----- \$1,156,000 00

First special issue:

Dated January 1, 1905.

Due serially, 1926-1935, January 1 each year.

Denominations \$400, \$100.

Interest 5%.

Outstanding, January 2, 1931----- \$109,900 00

Retired ----- 90,100 00

Authorized ----- \$200,000 00

Second special issue:

Dated July 1, 1910.

Due serially, 1931-1940, July 1 each year.

Denominations \$400, \$100.

Interest 5%.

Outstanding and authorized, January 2, 1931----- \$100,000 00



district was reorganized and the bonds bought back in 1903 for \$273,075. No bonds have been issued since.

**Remarks:** The district operates on a cash basis, collecting water tolls and levying assessments to meet operating expenses. The county tax rate for Tulare County is \$2.85 per \$100 of assessed valuation.

**TULE IRRIGATION DISTRICT**

**Organization:** Date of organization election, June 14, 1920.

**Location:** In Lassen County, lying along the Susan River north of Honey Lake.

**Area:** Gross, 15,015 acres. Developed, 2500 acres.

**Financial: Bonds**—One issue of bonds has been validated by the Bond Certification Commission and sold by the district.

Dated July 1, 1921.

Due serially, 1926-1943, January 1 each year: \$8,000, 1926; \$13,000, 1927; \$18,000, 1928; \$24,000, 1929; \$31,000, 1930, to \$73,000, 1943.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer at Litchfield, California.

Outstanding and authorized, January 2, 1931----- \$803,000 00

**Remarks:** District is in default on both principal and interest as of July 1, 1925, and all subsequent interest and principal are unpaid. A bondholders committee has been formed and about 80% of the bonds has been deposited. The county tax rate for Lassen County is \$2.40 per \$100 of assessed valuation.

**TURLOCK IRRIGATION DISTRICT**

**Organization:** Date of organization election, June 6, 1887. First district organized under the Wright Act.

**Location:** In Stanislaus and Merced counties, lying along the east side of the San Joaquin River between Tuolumne and Merced rivers.

**Area:** Gross, 181,498 acres. Developed, 133,754 acres.

**Financial: Bonds**—The district put out a refunding issue of bonds in 1901 and has since put out eight additional issues. All issues have been validated by the Bond Certification Commission.

Funding issue:

Dated July 1, 1902.

Due serially, 1922-1941, January 1 each year.

Denomination \$400.

Interest 5%.

Outstanding, January 2, 1931----- \$556,000 00

Retired ----- 600,000 00

Authorized ----- \$1,156,000 00

First special issue:

Dated January 1, 1905.

Due serially, 1926-1935, January 1 each year.

Denominations \$400, \$100.

Interest 5%.

Outstanding, January 2, 1931----- \$109,900 00

Retired ----- 90,100 00

Authorized ----- \$200,000 00

Second special issue:

Dated July 1, 1910.

Due serially, 1931-1940, July 1 each year.

Denominations \$400, \$100.

Interest 5%.

Outstanding and authorized, January 2, 1931----- \$100,000 00

## Third special issue:

Dated January 1, 1911.

Due serially, 1932-1941, January 1 each year.

Denominations \$400, \$120 and \$100.

Interest 5%.

Outstanding and authorized, January 2, 1931-----\$1,206,000 00

## Fourth special issue:

Dated July 1, 1920.

Due serially, 1936-1951, July 1 each year.

Denomination \$1,000.

Interest 6%.

Outstanding and authorized, January 2, 1931-----\$2,750,000 00

## Fifth special issue:

Dated July 1, 1920.

Due serially, 1936-1951, July 1 each year.

Denomination \$1,000.

Interest 6%.

Outstanding and authorized, January 2, 1931-----\$1,028,000 00

## Sixth special issue:

Dated July 1, 1920.

Due serially, 1941-1960, July 1 each year.

Denominations \$1,000, \$400 and \$100.

Interest 5½%.

Outstanding and authorized, January 2, 1931----- \$510,000 00

## Seventh special issue:

Dated January 1, 1924.

Due serially, 1927-1936, January 1 each year.

Denomination \$1,000.

Interest 5%.

Outstanding, January 2, 1931----- \$250,000 00

Retired ----- 250,000 00

Authorized ----- \$500,000 00

## Eighth special issue:

Dated December 31, 1926.

Due serially, 1932-1946, July 1 each year.

Denomination \$1,000.

Interest 5%.

Outstanding and authorized, January 2, 1931----- \$600,000 00

Interest on all issues is payable Jan.-July 1 by District Treasurer at Turlock, California.

Outstanding bonded debt, January 2, 1931-----\$6,929,900 00

Retired ----- 940,100 00

Authorized ----- \$7,870,000 00

## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930	\$7,059,900			
1931	6,921,900	\$135,000	\$384,900	\$519,900
1932	6,701,600	223,300	374,385	597,685
1933	6,461,240	240,360	362,392	602,752
1934	6,203,820	257,420	349,546	606,996
1935	5,931,140	272,380	335,952	608,332
1936	5,647,900	283,540	322,400	605,940
1937	5,402,300	245,600	309,825	555,425
1938	5,119,640	282,660	296,027	578,687
1939	4,823,860	295,780	280,758	576,538
1940	4,514,960	308,900	264,968	573,868
1941	4,192,800	322,160	249,689	571,849
1942	3,856,600	336,200	236,758	572,958
1943	3,505,300	351,300	216,697	567,997
1944	3,138,000	367,300	195,715	563,015
1945	2,753,600	384,400	173,754	558,154



**Remarks:** Practically the entire area is in highly developed citrus plantings. Operation and administration costs for 1929, exclusive of bond interest and redemption charges, amounted to \$14.23 per acre of gross area. The county tax rate for Tulare County is \$2.85 per \$100 of assessed valuation.

### VISTA IRRIGATION DISTRICT

**Organization:** Date of organization election, August 28, 1923.

**Location:** In San Diego County, surrounding Vista and about ten miles east of Oceanside.

**Area:** Gross, 18,161 acres. Developed, 4324 acres.

**Financial: Bonds**—One bond issue has been validated by the Bond Certification Commission and sold by the district.

Dated January 1, 1925.

Due serially, 1946-1965, January 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, at Farmers and Merchants National Bank, Los Angeles, or Bank of Italy, N. T. and S. A., San Diego, California.

Outstanding and authorized, January 2, 1931-----\$1,700,000 00

#### MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1945 -----	\$1,700,000			
1946 -----	1,666,000	\$34,000	\$99,960	\$133,960
1947 -----	1,632,000	34,000	97,920	131,920
1948 -----	1,581,000	51,000	94,860	145,860
1949 -----	1,530,000	51,000	91,800	142,800
1950 -----	1,462,000	68,000	87,720	155,720
1951 -----	1,394,000	68,000	83,640	151,640
1952 -----	1,326,000	68,000	79,560	147,560
1953 -----	1,258,000	68,000	75,480	143,480
1954 -----	1,173,000	85,000	70,380	155,380
1955 -----	1,088,000	85,000	65,280	150,280
1956 -----	1,003,000	85,000	60,180	145,180
1957 -----	918,000	85,000	55,080	140,080
1958 -----	816,000	102,000	48,960	150,960
1959 -----	714,000	102,000	42,840	144,840
1960 -----	612,000	102,000	36,720	138,720
1961 -----	510,000	102,000	30,600	132,600
1962 -----	391,000	119,000	23,460	142,460
1963 -----	272,000	119,000	16,320	135,320
1964 -----	136,000	136,000	8,160	144,160
1965 -----		136,000		136,000
		\$1,700,000		

**Remarks:** Largest district in San Diego County. Approximately 60% of developed area is in citrus plantings, the remainder being in field and truck crops. Operation and maintenance costs for 1929, including water purchased and exclusive of bond interest and redemption charges, amounted to \$9.85 per acre of gross area. County tax rate for San Diego County is \$2.18 per \$100 of assessed valuation.

### WALNUT IRRIGATION DISTRICT

**Organization:** Date of organization election, August 7, 1893.

**Location:** In Los Angeles County, on the west side of San Gabriel River about ten miles southeast of Los Angeles.

**Area:** Gross, 911 acres. Developed, 911 acres.

**Financial: Bonds**—No bonds have ever been issued by the district. All construction work has been financed by special assessments and by loans on 7% notes. The amount of these loans outstanding December 31, 1929, was approximately \$39,710.

**Overlaps:** Los Angeles County Flood Control District.

**Remarks:** The district has been able to acquire its irrigation works and pay its operation cost without issuing bonds. Water tolls are collected, but no assessments are levied without a special authorization election. The operation and maintenance costs for 1929 amounted to \$14.57 per acre of gross area. The county tax rate for Los Angeles County is \$1.57 per \$100 of assessed valuation.

**WATERFORD IRRIGATION DISTRICT**

**Organization:** Date of organization election, September 6, 1913.

**Location:** In Stanislaus County, lying along the north side of the Tuolumne River and adjoining Modesto, Oakdale and Turlock Irrigation Districts.

**Area:** Gross, 14,110 acres. Developed, 5272 acres.

**Financial: Bonds**—Two issues of bonds have been validated by the Bond Certification Commission and sold by the district.

First issue:

Dated October 1, 1916.

Due serially, 1928-1947, January 1 each year.

Denominations \$575, \$550, \$500, \$450, \$400, \$325, \$300, \$250, \$200, \$150 and \$100.

Interest 6%, Jan.-July 1, by District Treasurer at Waterford, California.

Outstanding, January 2, 1931----- \$446,400 00

Retired ----- 18,600 00

Authorized ----- \$465,000 00

Second issue:

Dated July 1, 1919.

Due serially, 1927-1946, July 1 each year.

Denominations \$1,000, \$300, \$125.

Interest 5½%, Jan.-July 1, by District Treasurer at Waterford, California.

Outstanding, January 2, 1931----- \$190,650 00

Retired ----- 14,350 00

Authorized ----- \$205,000 00

Outstanding, January 2, 1931----- \$637,050 00

Retired ----- 32,950 00

Authorized ----- \$670,000 00

**MATURITIES AND INTEREST**

Year	Outstanding	Maturities	Interest	Total
1930-----	\$646,350			
1931-----	631,925	\$14,425	\$37,129	\$51,554
1932-----	612,850	19,075	36,010	55,085
1933-----	592,750	20,100	34,863	54,963
1934-----	565,950	26,800	33,352	60,152
1935-----	537,100	28,850	31,729	60,579
1936-----	501,550	35,550	29,714	65,264
1937-----	463,675	37,875	27,502	65,377
1938-----	425,800	37,875	25,292	63,167
1939-----	384,575	41,225	22,913	64,138
1940-----	342,325	42,250	20,478	62,728
1941-----	300,075	42,250	18,015	60,265
1942-----	257,825	42,250	15,551	57,801
1943-----	214,550	43,275	13,060	56,335
1944-----	166,625	47,925	10,261	58,186
1945-----	114,050	52,575	7,184	59,759
1946-----	51,150	62,900	3,520	66,420
1947-----		51,150		51,150

\$646,350

Warrants—\$5,187.59 (January 1, 1930).

**Remarks:** Water is delivered to the district through the main canal of Modesto Irrigation District under an agreement between the two districts. Water rights are in litigation. Almost half of the developed area is planted to vines and deciduous fruits. The operation and maintenance costs for 1929, exclusive of bond interest and redemption charges, amounted to \$0.93 per acre of gross area. The county tax rate for Stanislaus County is \$2.20 per \$100 of assessed valuation.

## WEST SIDE IRRIGATION DISTRICT

**Organization:** Date of organization election, October 25, 1915.

**Location:** In San Joaquin County, west of the San Joaquin River, surrounding Tracy and adjoining Byron-Bethany, Naglee-Burk, Tracy-Clover and Banta-Carbena Irrigation Districts.

**Area:** Gross, 11,828 acres. Developed, 11,800 acres.

**Financial: Bonds**—Four issues of bonds have been validated by the Bond Certification Commission and sold by the district.

## First issue:

Dated January 1, 1917.

Due serially, 1938-1957, January 1 each year.

Denominations \$500, \$250 and \$100.

Interest 6%, Jan.-July 1, by District Treasurer, Tracy, California.

Outstanding and authorized, January 2, 1931----- \$295,000 00

## Second issue:

Dated July 1, 1918.

Due serially, 1939-1958, July 1 each year.

Denominations \$500, \$250 and \$100.

Interest 6%, Jan.-July 1, by District Treasurer, Tracy, California.

Outstanding and authorized, January 2, 1931----- \$100,000 00

## Third issue:

Dated January 1, 1920.

Due serially, 1930-1939, January 1 each year.

Denominations \$500, \$250 and \$100.

Interest 6%, Jan.-July 1, by District Treasurer, Tracy, California.

Outstanding, January 2, 1931----- \$120,000 00

Retired ----- 30,000 00

Authorized ----- \$150,000 00

## Fourth issue:

Dated February 1, 1929.

Due serially, 1960-1969, January 1 each year.

Denominations \$500, \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer, Tracy, California.

Outstanding, January 2, 1931----- \$13,500 00

Unissued ----- 36,500 00

Authorized ----- \$50,000 00

Outstanding bonded debt, January 2, 1931----- \$528,500 00

Retired ----- 30,000 00

Unsold ----- 36,500 00

Authorized ----- \$595,000 00

## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1920	\$543,500			
1931	528,500	\$15,000	\$31,710	\$46,710
1932	513,500	15,000	30,810	45,810
1933	498,500	15,000	29,910	44,910
1934	483,500	15,000	29,010	44,010
1935	468,500	15,000	28,110	43,110
1936	453,500	15,000	27,210	42,210
1937	438,500	15,000	26,310	41,310
1938	417,600	20,900	25,056	45,956
1939	394,700	22,900	23,742	46,642

Year	Outstanding	Maturities	Interest	Total
1940	\$383,850	\$10,850	\$23,091	\$33,941
1941	372,000	11,850	22,410	34,260
1942	357,200	14,800	21,522	36,322
1943	341,400	15,800	20,604	36,404
1944	325,600	15,800	19,656	35,456
1945	309,800	15,800	18,708	34,508
1946	291,050	18,750	17,583	36,333
1947	271,300	19,750	16,428	36,178
1948	251,550	19,750	15,243	34,993
1949	231,800	19,750	14,058	33,808
1950	208,100	23,700	12,636	36,336
1951	183,400	24,700	11,184	35,884
1952	158,200	25,200	9,672	34,872
1953	133,000	25,200	8,160	33,360
1954	104,350	28,650	6,441	35,091
1955	74,700	29,650	4,692	34,342
1956	42,100	32,600	2,736	35,336
1957	8,500	33,600	750	34,350
1958		8,500	240	8,740
				<u>\$543,500</u>

Warrants—\$50,509.17 (December 31, 1929).

**Remarks:** The fourth issue of bonds provided drainage facilities for a portion of the district. Sufficient funds for retiring all outstanding warrants have not been available for several years, and the district has been paying interest on these warrants in addition to bond interest. Operation and maintenance costs for 1929, exclusive of plant replacements and bond interest and redemption charges, amounted to \$5.14 per acre of gross area. The county tax rate for San Joaquin County is \$2.79 per \$100 of assessed valuation.

**WEST STANISLAUS IRRIGATION DISTRICT**

**Organization:** Date of organization election, November 19, 1920.

**Location:** In Stanislaus and San Joaquin counties, on the west side of San Joaquin River between Vernalis and Patterson.

**Area:** Gross, 22,048 acres. Developed, 22,000 acres.

**Financial: Bonds—**One issue of bonds has been validated by the Bond Certification Commission and sold by the district.

Dated July 1, 1927.

Due serially, 1932–1957, July 1 each year.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by District Treasurer at Patterson, California.

Outstanding, January 2, 1931 ----- \$1,175,000 00

Unissued ----- 41,376 00

Authorized ----- \$1,216,376 00

**MATURITIES AND INTEREST**

Year	Outstanding	Maturities	Interest	Total
1931	\$1,175,000			
1932	1,165,000	\$10,000	\$70,200	\$80,200
1933	1,155,000	10,000	69,600	79,600
1934	1,145,000	10,000	69,000	79,000
1935	1,133,000	12,000	68,340	80,340
1936	1,121,000	12,000	67,620	79,620
1937	1,101,000	20,000	66,660	86,660
1938	1,081,000	20,000	65,460	85,460
1939	1,061,000	20,000	64,260	84,260
1940	1,036,000	25,000	62,910	87,910
1941	1,011,000	25,000	61,410	86,410
1942	981,000	30,000	59,760	89,760
1943	951,000	30,000	57,960	87,960
1944	916,000	35,000	56,010	91,010
1945	881,000	35,000	53,910	88,910
1946	846,000	35,000	51,810	86,810
1947	796,000	50,000	49,260	99,260
1948	735,000	61,000	45,930	106,930
1949	665,000	70,000	42,000	112,000
1950	585,000	80,000	37,500	117,500
1951	500,000	85,000	32,550	117,550
1952	410,000	90,000	27,300	117,300
1953	320,000	90,000	21,900	111,900

Year	Outstanding	Maturities	Interest	Total
1954-----	\$230,000	\$90,000	\$16,500	\$106,500
1955-----	140,000	90,000	11,100	101,100
1956-----	50,000	90,000	7,200	97,200
1957-----		50,000	1,500	51,500
		<u>\$1,175,000</u>		

**Remarks:** District irrigation works were completed in April, 1929. Operation and maintenance costs for 1929, exclusive of bond interest and redemption charges, amounted to \$2 per acre of gross area. County tax rate for San Joaquin County is \$2.79 per \$100 of assessed valuation.

### WOODBIDGE IRRIGATION DISTRICT

**Organization:** Date of organization election, June 16, 1924.

**Location:** In San Joaquin County; scattered areas between the Mokelumne and Calaveras rivers, lying between Stockton and Lodi.

**Area:** 14,166 acres. Developed, 13,499 acres.

**Financial: Bonds**—One issue of bonds was validated by the Bond Certification Commission and sold by the district.

Dated March 1, 1928.

Due serially, 1930-1954, January 1 each year.

Denomination \$1,000.

Interest 5½%, Jan.-July 1 by District Treasurer at Woodbridge, California.

Outstanding bonded debt, January 2, 1931----- \$315,000 00

Retired ----- 10,000 00

Authorized ----- \$325,000 00

### MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930-----	\$320,000			
1931-----	315,000	\$5,000	\$17,325	\$22,325
1932-----	310,000	5,000	17,050	22,050
1933-----	300,000	10,000	16,500	26,500
1934-----	290,000	10,000	15,950	25,950
1935-----	280,000	10,000	15,400	25,400
1936-----	270,000	10,000	14,850	24,850
1937-----	260,000	10,000	14,300	24,300
1938-----	250,000	10,000	13,750	23,750
1939-----	240,000	10,000	13,200	23,200
1940-----	230,000	10,000	12,650	22,650
1941-----	220,000	10,000	12,100	22,100
1942-----	210,000	10,000	11,550	21,550
1943-----	195,000	15,000	10,725	25,725
1944-----	180,000	15,000	9,900	24,900
1945-----	165,000	15,000	9,075	24,075
1946-----	150,000	15,000	8,250	23,250
1947-----	135,000	15,000	7,425	22,425
1948-----	120,000	15,000	6,600	21,600
1949-----	100,000	20,000	5,500	25,500
1950-----	80,000	20,000	4,400	24,400
1951-----	60,000	20,000	3,300	23,300
1952-----	40,000	20,000	2,200	22,200
1953-----	20,000	20,000	1,100	21,100
1954-----		20,000		20,000
		<u>\$320,000</u>		

**Remarks:** District began operation of water distribution system in 1928. Approximately 16% of the developed area is planted to *vicia*. Operation and maintenance costs for 1929, exclusive of bond interest and redemption charges, amounted to \$1.23 per acre of gross area. The county tax rate for San Joaquin County is \$2.79 per \$100 of assessed valuation.

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PART TWO  
HISTORY AND PRESENT STATUS  
OF  
RECLAMATION DISTRICTS IN CALIFORNIA

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## HISTORICAL SUMMARY OF LEGISLATIVE ACTION LEADING TO PRESENT GENERAL RECLAMATION DISTRICT LAWS

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### Arkansas act.

Reclamation is one of the earliest forms of public improvement in this State and by far the largest single type of lands included in reclamation districts are the segregated swamp and overflowed lands granted to the State by the so-called "Arkansas Act" passed by the Congress of the United States on September 28, 1850. Section 2 of this act provides that the proceeds from the sale of these lands be applied to the purpose of reclaiming said lands by means of levees and drains.

### Early State legislation.

The first State of California legislation in 1855 provided for the sale of these lands at \$1 per acre and limited each purchaser to 320 acres. An act passed in 1858 repealed the act of 1855 and provided that the purchase price of \$1 per acre should be placed in a swamp land fund. In 1859 the act of 1858 was amended, increasing the limit from 320 to 640 acres but making no provision for reclamation.

### Swamp Land Commissioners.

A State Board of Swamp Land Commissioners was created in 1861. An appropriation of \$200,000 out of the Swamp Land Fund previously created was made by this act for the use of the commission. Upon petition of the owners of one-third of any tract of land "susceptible to one mode or system of reclamation," the commissioners were authorized to appoint an engineer to plan the reclamation of the tract; but the act provided no way by which lands could be reclaimed by the board if the cost were more than \$1 per acre. Accordingly the first annual report of the Swamp Land Commissioners, dated December 15, 1861, recommended "the passage of a law for taxing the land in each district enough to complete its reclamation, when the sum of \$1 per acre will not do it." Here we find the first official suggestion for taxing the land to pay for the works of reclamation.

### First report of board.

This first annual report noted that applications had been made to the board for the reclamation of twenty-eight districts located in eleven different counties in the Sacramento and San Joaquin valleys and San Francisco Bay area.

### Assessments provided.

On April 11, 1862, in accordance with the recommendation of the Board of Swamp Land Commissioners in their first annual report, an

act was passed supplementing the act of 1861. This supplementary act provided for an assessment levy by the County Board of Supervisors to complete reclamation upon petition of the owners of one-third of the land in the district. A special swamp land fund was then provided for each district.

#### Second report of board.

From the second annual report of the Swamp Land Commissioners, dated December 11, 1862, we learn that the provision for assessments was not successful due to disagreement among the landowners. The commission, therefore, recommended that the law be amended so as to authorize the levy of a tax without petition. It is rather interesting to note from this report the recognition for necessity of centralized responsibility in view of anticipated colonization after the close of the Civil War. Up to the date of this report, thirty-eight swamp land districts had been established, containing 485,252 acres of swamp lands, and \$78,890.64 had been spent out of the \$200,000 appropriation.

#### 1862 flood.

Although no mention is made of the 1862 flood in any of the reports of the Swamp Land Commissioners, it was the topic of widespread newspaper comment and extensive flood statistics were published in the report of Surveyor General Houghton of December 15, 1862. General Houghton urged the expediency of a survey of the country between Knights Ferry and Denverton with reference to the eventual construction of a canal (two embankments about half a mile apart) between these points for the drainage of the western portion of the Valley of the Sacramento and reclamation of the large body of swamp lands therein, this plan being the forerunner of the present by-pass system.

#### 1863 amendment.

The act of 1861 was amended April 23, 1863. New commissioners were appointed with reduced salaries and provision was made for the employment of engineers. District No. 2 was exempted from the provisions of the amendment.

#### Third report of board.

The third report of the Board of Swamp Land Commissioners for the years 1864 and 1865, dated November 15, 1865, discloses that 45 districts had been formed and that moneys received into the Swamp Land Fund (of the State) had been set apart and separately appropriated to the reclamation of fourteen districts under the distinctive designations, Swamp Land District Funds Nos. 1, 2, 4, 5, 7, 8, 16, 17, 18, 38, 39, 41, 45 and 46. The condition of these funds and work accomplished will be referred to later.

#### County supervisors substituted for commissioners. State Board of Swamp Land Commissioners abolished.

On April 2, 1866, the act of 1861 was again amended. By this amendment the Board of Swamp Land Commissioners was abolished,

all their district engineers discharged and all the swamp and overflowed funds belonging to the State, together with all the moneys having accrued from the sale of such lands, were thereby granted to the various counties, respectively, to hold in trust for the purpose of constructing necessary levees and drains to reclaim the same, and the county surveyor of each county was made engineer of the districts within that county.

**Reclamation obligation transferred to counties.**

Thus was lost all semblance of unified, systematic direction of the reclamation of these lands, and the obligation for their reclamation was shifted from the State to the counties, and the Board of Supervisors of each county was given the same powers and required to perform the same duties as were theretofore imposed upon the Board of Commissioners created by the act of 1861.

**Only higher lands sold under 640 acre limit.**

Under these laws restricting the amount of land which could be purchased to 640 acres, only those portions of the land upon which families could camp or settle were sold, leaving all of the deep tule land, which it would be impossible for anyone to occupy, still in the hands of the State.

**Acreage limit removed.**

In order to permit the acquisition of these lands in sufficiently large bodies to attract capitalists to undertake their reclamation, an act was passed in 1868 repealing all the laws just reviewed, but reenacting their general terms and adding provisions for the formation of districts and the election of trustees thereof and the levying and collecting of assessments, and placing no limit whatever upon the amount of land which anyone might purchase.

**Three years' successful cultivation secured patent to lands.**

This act also provided that upon the completion of the reclamation work contemplated, the county treasurer was to pay to the trustees of the district any money which he might have credited to the purchasers on full payment for the land; and that three years after the completion of the reclamation works, upon examination and certification by a commission of three persons that the lands of the district had been reclaimed as evidence by their having been successfully cultivated for three years, the purchasers should be credited with payment in full and should each be entitled to a patent therefor.

**Assessments without petition of owners.**

This act increased the required signatures of owners upon petition for the formation of a district, from one-third to one-half the acreage of the district. The requirement of a petition for the levying of an assessment was omitted and the board of supervisors was required to levy an assessment upon the presentation to them of plans and estimates by the trustees of the district.

**The act of 1872.**

This law, enacted in 1872, is the foundation upon which the present reclamation code is based. Since this date many changes and additions have been made and the present code of reclamation district laws has been evolved by revision and amendments designed to foster and encourage agricultural development and in its general application has been found to be sound in fundamentals. The statutes of 1895 contain an act entitled "An act to provide for issuing bonds by reclamation districts and the disposal thereof for reclamation and other purposes and their payment by taxation upon property situated in such reclamation districts."

**The present code.**

The California reclamation district laws were enacted for the purpose of enabling the holders of title to lands susceptible to one mode of reclamation to organize a district empowered through its board of trustees to secure the necessary rights of way for reclamation, drainage and irrigation works, to acquire the necessary water rights, to construct or acquire the works required for reclamation, drainage and irrigation of the lands within the district and for such purposes to issue warrants or bonds, to levy assessments upon the lands within the district sufficient to raise the funds necessary to meet maintenance and operation requirements and bond interest and bond principal payments and to exercise such other powers as may be authorized by law for the furtherance of reclamation, drainage and irrigation within the district. The laws prescribe and authorize the legal machinery for the proper functioning of the district; prescribe the rights of landowners and creditors of the district; and fix the penalties for failure of landowners to pay assessments as and when they become due.

**Creation of reclamation board.**

By an act approved December 24, 1911, a reclamation board was created and among other duties was required to "pass upon and approve plans of reclamation that contemplate the construction of levees, embankments or canals along or near the banks of the Sacramento River, or its tributaries, or connected therewith, or upon any land adjacent thereto, or within any of the overflow basins thereof." Any original plan of reclamation thereafter adopted for works upon any lands subject to overflow from the Sacramento River or its tributaries must be approved by the reclamation board before such plans could be adopted by the trustees of any district, and the construction of any such works without such approval was declared to be a public nuisance and the board empowered to prosecute any suit or suits for the prevention or abandonment of the same.

This authority did not extend to any other portion of the State. The control over the formation of districts, however, which had been originally included in the powers of the State Board of Swamp Land Commissioners, created in 1861, and in the Board of Drainage Commissioners, created in 1880, and again in the Board of Drainage Commissioners of the Sacramento Drainage District, created in 1905, was omitted from the act creating the reclamation board. This power is

still scattered and exercised by the various county boards of supervisors and the reclamation board has no jurisdiction over the internal affairs of the individual districts.

**Swamp land funds.**

Of more than passing interest is the final distribution of the old swamp land district funds. Following is a memorandum of the amounts as reported in 1865 by the Swamp Land Commissioners.

Swamp Land District Funds—November, 1865

District number	Receipts <sup>1</sup>	Expenses <sup>2</sup>	Balance	Construction
1	\$119,095 99	\$91,558 36	\$27,537 63	Levee—25 miles.
2	63,503 51	59,044 40	4,459 11	Levee—77,168 cubic yards. Excavation—6,444 cubic yards.
4	10,971 95	2,424 00	8,547 95	Dam and floodgates.
5	34,661 80	31,564 94	3,096 86	Mokelumne River Levee and New Channel.
7	5,765 70	511 00	6,254 70	Levee, dam and tidegate.
8	9,764 47	2,873 74	6,890 73	Andrus Island Levee.
16	41,579 10	1,259 12	40,319 98	Surveys.
17	25,518 49	18,636 92	6,881 57	San Joaquin Levee.
18	214,343 23	90,899 02	123,444 21	Drains—25 miles. Levee—78 miles.
38	12,911 99	4,915 46	7,996 53	Staten Island Levee.
39	3,427 60	1,909 73	1,517 87	Levee—14,716 cubic yards.
41	14,285 83	7,361 73	6,924 10	Levee—19,843 cubic yards. 4 dams.
45	20,152 91	1,073 50	19,079 41	Dam, levee and ditch.
46	7,600 91	1,839 06	5,761 85	Levee—15,062 cubic yards. 7 gates.
Totals	\$584,583 48	\$315,870 98	\$268,712 50	

<sup>1</sup> Cash from Swamp Land Fund. Interest and principal due from sale of lands and tax levied.

<sup>2</sup> Surveys, construction and superintendence.

Under an act approved March 31, 1891, the amount to the credit of each Swamp Land District Fund was paid to the county treasurer of the county in which the district was situated. Following is a statement of these funds as reported at that time:

Fund	Amount	Counties
Swamp Land District No. 1	\$142 49	Sacramento
Swamp Land District No. 2	883 30	Sacramento
Swamp Land District No. 17	8 00	San Joaquin
Swamp Land District No. 18	1,144 02	Yolo and Solano
Swamp Land District No. 41	44	Solano
Swamp Land District No. 45	9 85	Tulare
Swamp Land District No. 46	5 24	San Joaquin
Swamp Land District No. 49	18 70	Sacramento
Swamp Land District No. 51	34 08	Solano
Swamp Land District No. 59	27 29	San Joaquin
Total returned to counties	\$2,273 41	

The various county treasurers with whom county swamp land funds are now deposited report amounts on hand December 1, 1930, as follows:

**COUNTY SWAMP LAND FUNDS**

County	Amount
Alameda	\$1,813 35
Butte	None
Colusa	None
Contra Costa	None
Fresno	10,335 94
Glenn	None

<i>County</i>	<i>Amount</i>
Humboldt	\$6,032 49
Inyo	None
Kern	2,081 84
Kings	None
Lake	2,908 44
Lassen	None
Madera	None
Marin	None
Mendocino	None
Merced	430 70
Modoc	None
Monterey	1,278 25
Napa	560 65
Plumas	None
Sacramento	640
San Diego	None
San Joaquin	1,652 49
San Luis Obispo	None
San Mateo	75 19
Santa Barbara	None
Santa Clara	221 95
Santa Cruz	None
Shasta	40 00
Sierra	None
Siskiyou	6,911 70
Solano	1,650 19
Sonoma	None
Stanislaus	None
Sutter	347 37
Tehama	None
Trinity	None
Tulare	659 11
Yolo	None
Yuba	None
Total	\$37,639 66

## DISTRICT ORGANIZATION

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Reclamation district organization in California dates back to the year 1861 and its activities may be divided roughly into three periods:

*First period (1861-1866)*—

Formation under the Board of Swamp Land Commissioners.

*Second period (1867-1911)*—

Formation under the boards of supervisors of the various counties. (The year 1911 is somewhat arbitrarily fixed as the date of commencement of standardized methods of reclamation construction.)

*Third period (1911-1930)*—

Formation still under the various boards of supervisors but with certain areas under the partial jurisdiction of the State Reclamation Board.

**First period (1861-1866).**

During the year 1861, 28 districts filed organization petitions, were numbered consecutively and embraced some 465,000 acres of land in eleven counties in the Sacramento and San Joaquin valleys and San Francisco Bay area. Two of these districts (Nos. 3 and 17) are still active and approximately all of the districts organized in the Sacramento and San Joaquin valleys during the period 1861-1866 are now included within the boundaries of active districts of the present. Up to the time of the abolishment of the State Board of Swamp Land Commissioners in 1866, 54 districts had petitioned for organization, of which number 45 were actually organized and active at the time. These districts were all confined to areas within the counties of Marin, Napa, Sacramento, San Joaquin, San Mateo, Solano, Sonoma, Sutter, Tulare, Placer and Yolo.

The affairs of the districts organized under the old Swamp Land Commission were apparently thoughtfully and earnestly administered. There follows a brief summary of the progress made up to 1865 by fifteen of the most active of these original districts.

**District No. 1.**

District No. 1 included the entire American Basin extending from the American to the Bear River. The following is quoted from the report of the Swamp Land Commissioners:

Great natural difficulties exist in the way of a thorough reclamation. During the higher stages of the Sacramento and American rivers it seems impossible to effect drainage for the waters of the small streams which discharge from the east directly into the tule (American) basin, which forms the nucleus of the district. These waters must find their outlet through the channel of the Sacramento and can only do so when the river level is low enough to allow their egress.

Up to November 15, 1865, 26 miles of river levee, containing 292,000 cubic yards of material and 20 miles of drains, involving 105,000 cubic yards of excavation, had been constructed. These figures are of interest as offering a basis of comparison between the river levee cross-section of that period and those of Districts Nos. 1000 and 1001 of today, which districts now occupy the area within the original District No. 1. An average of 2 cubic yards per running foot is indicated by the figures above, whereas the existing levees contain approximately 60 cubic yards per lineal foot.

#### District No. 2—Sacramento Basin.

Within the boundaries of District No. 2, 47,195 acres were recognized as swamp and overflowed land which could be reclaimed. According to the report of the district engineer, reclamation could be accomplished by the construction of levees and flood gates at a cost of \$32,345. In the third report the commissioners realized that the reclamation of the district was practicable, there being quite sufficient fall for purposes of drainage, "but the cost will be large, and the means of the district were so greatly reduced by expenditures for former surveys and appropriations for the benefit of the city of Sacramento, that the owners of lands have refused to tax themselves to make up the deficiency in a single year, and under present laws the entire amount must be levied against the assessment of some one single year, or not at all. It is necessary that the sum of \$88,000 be furnished by taxation or otherwise to reclaim the district."

#### District No. 3.

Comprising all of Grand Island, Sacramento County. Apparently little work had been accomplished up to 1865. This is the first district formed which has maintained its existence to date.

#### District No. 4—Tyler Island.

In Sacramento County. Included portions of townships 3, 4 and 5 north, ranges 3 and 4 east, M. D. B. and M. A dam and floodgate had been constructed, but the proposed improvements could not be made unless means were furnished by a tax for reclamation purposes.

#### District No. 5.

In San Joaquin County. Embraced all the swamp and overflowed lands lying between the Mokelumne River and Sycamore Slough, in townships 3, 4 and 5 north, ranges 4 and 5 east, M. D. B. and M. The plan of reclamation contemplated for this district included the opening of a new outlet for the flood waters of the Mokelumne on the northeast, conducting the same by canal through the interior and discharging at Beaver Slough. It was thought that the lands would be benefited by the deposit of sediment. At the date of the third report, the new channel was nearly completed and a levee along the bank of the Mokelumne, a distance of 32 miles, was projected and in progress of construction.

**District No. 7.**

In Solano County, bounded by the Sacramento River, Cache and Linda sloughs and the high land on the west, and comprised portions of townships 4 and 5 north, ranges 2 and 3 east, M. D. B. and M. Contracts for the works of reclamation, consisting of levees, dams and tide gates, were awarded in April, 1865, at a cost of \$6,118.

**District No. 8.**

Andrus Island, in Sacramento County, in portions of townships 3, 4 and 5 north, ranges 3 and 4 east, M. D. B. and M. The improvements made included 645 lineal rods of levee and the filling of four large sloughs.

**District No. 16.**

In Tulare County, near Visalia, and comprising portions of townships 17, 18, and 19 south, ranges 22, 23, 24 and 25 east, M. D. B. and M. Organized in 1861 and contracts let for the works of reclamation in September, 1865.

**District No. 17.**

In San Joaquin County on the east side of the San Joaquin River in township 1 north and townships 1 and 2 south, range 6 east, M. D. B. and M., comprising a tract ten miles long by an average width of one and three-fourths miles. The first contracts were completed in January, 1864, and consisted of a levee extending along the river frontage and from the river to the high land, at either extremity of the district. Subsequently, by an amendment approved March 31, 1866, the board of supervisors of San Joaquin County was authorized "to levy a special tax of one dollar on each and every acre of real estate within the limits of Swamp Land District Number Seventeen, and one cent on each hundred dollars of valuation of improvements thereon." The district is still active.

**District No. 18—Yolo Basin.**

Included the entire Yolo Basin and was the largest district organized to the date of this report. The plan of reclamation contemplated, first, the drainage of flood waters by the construction of a canal through the middle of the tule land, which was completed in November, 1864, and, second, the construction of levees along the Sacramento River and Sutter Slough from Knights Landing south a distance of 78 miles. About half of the levee had been constructed at the time of the report and about \$90,000 had been expended.

**District No. 38.**

"Staten Island," formed by the separation and reunion of the waters of the Mokelumne River, comprising portions of townships 3 and 4 north, ranges 4 and 5 east, M. D. B. and M. The plan of reclamation contemplated the exclusion of flood and tide waters by a levee around the island and drainage by tide gates at the principal sloughs.

**District No. 39.**

On the right bank of the Cosumnes River in township 5 north, range 5 east, M. D. B. and M. The greater portion of the levee had been constructed prior to formation.

**District No. 41.**

The eastern portion of an island in Solano County formed by Miner, Sutter, Cache and Merritt sloughs, and comprising portions of townships 4 and 5 north, range 3 east, M. D. B. and M. Contracts for the works of reclamation were awarded in June, 1865, and 19,843 cubic yards of levee embankment and four large dams had been constructed up to the date of the third report of the commission.

**District No. 45.**

Situated in Tulare County, fifteen miles southeast from Visalia, comprising portions of townships 20 and 21 south, ranges 25, 26 and 27 east, M. D. B. and M. Concerning this district, the commission stated:

The condition of the lands is peculiar. The flood of 1862 cut a new channel, through which the Tule River, which formerly flowed through and caused the overflow of the district, now finds its way by a shorter cut to Tulare Lake. This channel, which commences above and does not touch the district at any point, conveys so large a portion of the waters which formerly flowed in the old channel, that during the dry season the lands are left parched and barren from drought. It is proposed, first, to construct a levee and dam across the low lands and old channel below the new channel so as to entirely protect the district from possible overflow at any time from floods; and, second, to convey water for purposes of irrigation by a ditch, commencing above the dam and levee and running along the northern verge of the district at a sufficient elevation.

**District No. 46.**

In San Joaquin County, comprising a portion of township 3 north, range 5 east, M. D. B. and M. The entire work of reclamation, consisting of ten miles of levee, five dams and fourteen flood and tide gates, was under contract and progressing at the time of the third report of the commission.

**Second Period (1867-1911).**

Although that portion of the act delegating the duties and powers of the former swamp land commissioners to the county supervisors relating to susceptibility "of one mode of reclamation" was practically taken "verbatim" from the original act, it is apparent that the supervisors did not take the same broad interpretation of the intent of the Legislature as had the swamp land commissions, who had invariably insisted that each district should include all of the land susceptible of reclamation as a unit, whereas the supervisors permitted the formation of districts of various shapes and sizes, overlapping and frequently containing the property of single owners without regard to natural boundaries. Thus hundreds of districts were organized during the ensuing years without system, fixed policy or regard to the feasibility of the project. While many of the districts organized during this period were legitimate reclamation projects, or at least sincere in purpose, yet great numbers were organized to merely qualify before a

complacent board of supervisors for the collection of the per acre allowance for completed reclamation from the swamp land fund. This qualification was often accomplished by the simple expedient of throwing a single plough furrow around the designated boundaries.

Simplicity of preorganization requirements undoubtedly led to many formations which upon further study were abandoned. Many small districts were organized for the sole purpose of avoiding inclusion in major districts and the responsibility for the payment of assessments, even though reclaimed and benefited by the works constructed. Seven hundred seventy-two districts were organized during this period and only 86 are upon the active list today.

#### Third period (1911-1930).

The districts organized during this period were in the main intelligently planned after careful and exhaustive studies of the problems involved.

In 1904 the "Dabney Commission" had made its complete and comprehensive report to the State upon reclamation and flood control of the Sacramento and lower San Joaquin valleys.

In 1911 the "Jackson Report" on the control of floods in the river systems of the Sacramento Valley and the adjacent San Joaquin Valley was presented to Congress. Based upon the "Jackson Report" the Sacramento and San Joaquin Drainage District was formed and placed under the management and control of the State Reclamation Board.

With the creation of the Reclamation Board in 1911 there was again attempted to restore to a centralized authority jurisdiction over reclamation works for at least that portion of the State affected by the Sacramento River and its tributaries.

Of the districts organized during this period, 76 were located in the basins and deltas of the Sacramento and San Joaquin rivers.

About 1914 there began an intensive program of reclamation in the basin of Tulare Lake in Kings County. The continued encroachment upon the lake area by the new reclamations necessitated the construction of high and massive levees. This competition in levee building has now ceased through the organization of Tulare Lake Basin Water Storage District, which prescribes a uniform levee crest elevation for all reclamations within its boundaries. Twenty-six active reclamation districts are located in the basin of Tulare Lake.

One hundred nineteen districts were organized during 1911-1930, of which number 94 are now active.

#### Summary.

Following is a list of the reclamation districts organized in California during the period 1860 to 1930.

Number	County	Date of petition or formation	Acreage	Status
1	Sacramento-Placer-Sutter	May 29, 1861	57,369	Inoperative
1	Contra Costa	Aug. 12, 1873	2,474	Inoperative
1	Lake	May 1, 1877	193	Inoperative
1	Sacramento	April 28, 1909	677	Active
2	Sacramento	May 1861	41,790	Inoperative
2	Contra Costa	Early 60's	8,448	Inoperative
3	Sacramento	June 1861	17,100	Active
4	Sacramento	July 1861	8,000	Inoperative
5	San Joaquin	July 1861	20,000	Inoperative
5	Sutter	Early 60's	98,513	Inoperative
6	Tulare	June 1861	6,500	Inoperative
7	Solano	June 1861	4,580	Inoperative
8	Sacramento	July 1861	7,642	Inoperative
9	Solano	July 1861	1,925	Inoperative
10	Solano	July 1861	1,228	Inoperative
10	Yuba	May 1913	11,300	Active
11	San Joaquin	July 1861	1,487	Inoperative
12	San Joaquin	July 1861	*	Inoperative
13	Sacramento	August 1861	8,400	Inoperative
14	Napa and Sonoma	August 1861	1,243	Inoperative
15	Sacramento	August 1861	800	Inoperative
16	Tulare	August 1861	31,785	Inoperative
17	San Joaquin	Sept. 1861	12,000	Active
18	Solano and Yolo	Sept. 1861	116,338	Inoperative
19	San Mateo	Sept. 1861	2,700	Inoperative
20	Sutter	Oct. 1861	10,000	Inoperative
21	Marin	Oct. 1861	2,615	Inoperative
22	San Joaquin	Oct. 1861	6,218	Inoperative
23	San Mateo	Oct. 1861	5,228	Inoperative
24	Yolo and Solano	Nov. 1861	1,841	Inoperative
25	Marin	Nov. 1861	2,100	Inoperative
26	Marin	Nov. 1861	2,000	Inoperative
27	Solano	Nov. 1861	1,100	Inoperative
28	Solano	Nov. 1861	4,220	Inoperative
38	Sacramento	Nov. 1864	9,173	Inoperative
39	Sacramento	Jan. 1864	2,680	Inoperative
40	Solano	Jan. 1864	2,680	Inoperative
41	Solano	May 7, 1872	9,170	Inoperative
42	Sacramento	1864	160	Inoperative
44	Solano	1864	480	Inoperative
45	Tulare	Mar. 18, 1865	15,380	Inoperative
46	San Joaquin	Jan. 1865	5,700	Inoperative
47	Solano	1865	2,892	Inoperative
48	Tulare	April 1865	11,730	Inoperative
49	Sacramento	1865	10,990	Inoperative
50	Sacramento	July 1865	6,020	Inoperative
50	Sacramento	July 29, 1868	3,429	Inoperative
51	Solano	Aug. 1865	3,200	Inoperative
52	San Joaquin	Oct. 1865	3,100	Inoperative
53	San Joaquin	Oct. 1865	1,300	Inoperative
54	Sacramento	Oct. 12, 1865	4,468	Inoperative
57	San Joaquin	Feb. 20, 1872	3,803	Inoperative
58	San Joaquin	Nov. 25, 1873	2,300	Inoperative
59	San Joaquin	Mar. 18, 1873	2,400	Inoperative
61	San Joaquin	Nov. 3, 1871	3,954	Inoperative
63	San Joaquin	May 22, 1873	1,920	Inoperative
67	Colusa	Aug. 7, 1868	5,640	Inoperative
68	Sutter	Dec. 3, 1868	2,840	Inoperative
69	Sutter	Dec. 3, 1868	8,720	Inoperative
70	Sutter	Dec. 15, 1868	22,090	Active
71	Sacramento	Dec. 17, 1868	3,477	Inoperative
72	San Joaquin	Feb. 25, 1873	6,953	Inoperative
73	Sacramento	Feb. 2, 1869	174	Inoperative
74	Sacramento	April 10, 1869	525	Inoperative
75	Sacramento	April 10, 1869	3,543	Inoperative
76	Sacramento	May 7, 1869	1,967	Inoperative
77	Colusa	July 20, 1869	9,475	Inoperative
78	Tulare	Aug. 2, 1869	9,120	Inoperative
79	Fresno	Aug. 10, 1869	160	Inoperative
80	Fresno	Aug. 10, 1869	8,160	Inoperative
81	Tulare	Aug. 10, 1869	9,200	Inoperative
82	Alameda	Aug. 12, 1869	17,659	Inoperative
83	San Joaquin	Aug. 23, 1869	1,037	Inoperative
84	Solano	Nov. 16, 1869	6,490	Inoperative
85	San Joaquin	Dec. 7, 1869	1,207	Inoperative
86	Merced	Feb. 10, 1870	602	Inoperative
87	Colusa	Feb. 19, 1870	4,840	Inoperative
88	Fresno	Feb. 19, 1870	12,740	Inoperative
89	Sacramento	Mar. 28, 1870	1,155	Inoperative

\* No record of acreage apparently embraced one of the delta islands.

Number	County	Date of petition or formation	Acreage	Status
90	Colusa	Mar. 22, 1870	600	Inoperative
91	Colusa	Mar. 22, 1870	9,475	Inoperative
92	Colusa	Mar. 22, 1870	969	Inoperative
93	Colusa and Glenn	Mar. 22, 1870	23,440	Inoperative
94	Colusa	Mar. 22, 1870	1,640	Inoperative
95	Santa Clara	Mar. 24, 1870	3,227	Inoperative
96	Lake	May 10, 1870	834	Inoperative
97	Lake	May 10, 1870	4,103	Inoperative
98	Fresno	May 14, 1870	730	Inoperative
99	Contra Costa	May 18, 1870	320	Inoperative
100	Contra Costa	May 18, 1870	191	Inoperative
101	Contra Costa	May 18, 1870	2,594	Inoperative
102	Contra Costa	May 18, 1870	2,528	Inoperative
103	Contra Costa	Aug. 12, 1870	1,390	Inoperative
104	Solano	Aug. 12, 1870	1,117	Inoperative
105	Solano	Sept. 3, 1870	12,056	Inoperative
106	Contra Costa	Sept. 24, 1870	1,158	Inoperative
107	Contra Costa	Sept. 1870	21,000	Inoperative
108	Colusa and Yolo	Oct. 4, 1870	57,994	Active
109	San Joaquin	Oct. 8, 1870	51,000	Inoperative
110	San Joaquin	Oct. 8, 1870	3,261	Inoperative
111	Kern	Oct. 27, 1870	28,000	Inoperative
112	Contra Costa	Nov. 16, 1870	374	Inoperative
113	Merced	Nov. 22, 1870	644	Inoperative
114	Marin	Dec. 29, 1870	5,462	Inoperative
115	Colusa	Jan. 3, 1871	16,247	Inoperative
116	Kern	Jan. 17, 1871	58,320	Inoperative
117	Sacramento	Feb. 11, 1871	3,608	Inoperative
118	Contra Costa	Mar. 15, 1871	11,440	Inoperative
119	Lassen	Mar. 24, 1871	400	Inoperative
120	Kern	May 22, 1871	17,460	Inoperative
121	Kern	May 22, 1871	58,320	Inoperative
122	Merced	Aug. 15, 1871	5,672	Inoperative
123	Solano	Aug. 19, 1871	876	Inoperative
124	Colusa	Oct. 11, 1871	2,060	Inoperative
125	Fresno	Oct. 20, 1871	79,103	Inoperative
126	Solano	Oct. 23, 1871	994	Inoperative
127	Solano	Nov. 10, 1871	692	Inoperative
128	Colusa	Nov. 17, 1871	6,445	Inoperative
129	Sacramento	Nov. 22, 1871	670	Inoperative
130	San Joaquin	Nov. 22, 1871	3,419	Inoperative
131	Merced	Nov. 27, 1871	1,07	Inoperative
132	Merced	Nov. 27, 1871	640	Inoperative
133	Fresno	Dec. 1, 1871	920	Inoperative
134	Napa	Dec. 1, 1871	2,142	Inoperative
135	Tulare	Dec. 20, 1871	1,194	Inoperative
136	Sacramento	Jan. 5, 1872	439	Active
137	Solano	Jan. 22, 1872	3,528	Inoperative
138	Contra Costa	Feb. 9, 1872	160	Inoperative
139	Merced	Feb. 1872	1,000	Inoperative
139	Solano	Feb. 16, 1872	3,528	Inoperative
140	San Joaquin	Mar. 20, 1872	193	Inoperative
141	Yolo	Mar. 26, 1872	5,600	Inoperative
142	Sacramento	April 16, 1872	839	Inoperative
143	San Diego	June 3, 1872	532	Inoperative
144	San Joaquin	June 6, 1872	4,683	Inoperative
145	Solano	Feb. 5, 1872	991	Inoperative
146	Yolo	June 4, 1872	6,040	Inoperative
147	Yolo	July 2, 1872	4,300	Inoperative
148	Sacramento	Aug. 7, 1872	8,233	Inoperative
149	Sacramento	Aug. 9, 1872	8,400	Inoperative
150	Yolo	Nov. 10, 1870	4,986	Active
151	Contra Costa	Nov. 1872	178	Inoperative
152	Tulare	Nov. 12, 1872	5,000	Inoperative
153	Tulare	Nov. 16, 1872	4,560	Inoperative
154	Tulare	Nov. 16, 1872	1,120	Inoperative
155	Tulare	Nov. 16, 1872	780	Inoperative
156	Tulare	Nov. 12, 1872	2,360	Inoperative
157	San Joaquin	Dec. 2, 1872	3,922	Inoperative
158	Tulare	Feb. 17, 1873	7,190	Inoperative
159	Tulare	Feb. 17, 1873	24,640	Inoperative
160	Contra Costa	Feb. 17, 1873	8,114	Inoperative
161	Contra Costa	Feb. 17, 1873	320	Inoperative
162	San Joaquin	Feb. 25, 1873	4,350	Inoperative
163	San Joaquin	Feb. 25, 1873	1,628	Inoperative
164	Contra Costa	April 10, 1873	661	Inoperative
165	Contra Costa	May 12, 1873	321	Inoperative
166	Contra Costa	May 12, 1873	698	Inoperative
167	Tulare	May 22, 1873	450	Inoperative
168	Tulare	May 1873	3,049	Inoperative
169	San Joaquin	June 9, 1873	756	Inoperative

Number	County	Date of petition or formation	Acreage	Status
170	Tulare	Sept. 22, 1873	16,600	Inoperative
171	Plumas	Sept. 22, 1873	1,084	Inoperative
172	Plumas	Sept. 22, 1873	2,433	Inoperative
173	Plumas	Sept. 22, 1873	1,017	Inoperative
174	Contra Costa	Feb. 14, 1860	1,783	Inoperative
175	Sacramento	Nov. 6, 1873	1,934	Inoperative
176	Contra Costa	Nov. 6, 1873	827	Inoperative
177	Yolo	Nov. 1873	*	Inoperative
178	Plumas	Nov. 17, 1873	6,383	Inoperative
179	Tulare	Nov. 22, 1873	5,268	Inoperative
180	Tulare	Nov. 22, 1873	2,005	Inoperative
181	Tulare	Nov. 22, 1873	912	Inoperative
182	Tulare	Nov. 22, 1873	3,116	Inoperative
183	Contra Costa	Nov. 24, 1873	2,107	Inoperative
184	Kern	Nov. 26, 1873	31,155	Inoperative
185	Kern	Nov. 26, 1873	21,452	Inoperative
186	Solano	Jan. 20, 1874	11,998	Inoperative
187	Solano	Jan. 20, 1874	1,481	Inoperative
188	Solano	Jan. 20, 1874	486	Inoperative
189	San Joaquin	Feb. 4, 1874	835	Inoperative
190	San Joaquin	Mar. 20, 1874	1,229	Inoperative
191	Plumas	May 11, 1874	120	Inoperative
192	Plumas	May 11, 1874	1,795	Inoperative
193	Plumas	May 16, 1874	1,840	Inoperative
194	Plumas	May 16, 1874	639	Inoperative
195	Lassen	May 15, 1874	2,880	Inoperative
196	Solano	June 16, 1874	2,080	Inoperative
197	Tehama	June 20, 1874	1,120	Inoperative
198	Tehama	June 20, 1874	1,720	Inoperative
199	Tehama	June 20, 1874	1,400	Inoperative
200	Tehama	June 20, 1874	400	Inoperative
201	Tehama	July 10, 1874	520	Inoperative
202	Sonoma	Aug. 19, 1874	1,537	Inoperative
203	Sacramento	Sept. 12, 1874	3,573	Inoperative
204	Sonoma	Oct. 3, 1874	4,994	Inoperative
205	Sacramento	Oct. 12, 1874	7,483	Inoperative
206	Glenn	Oct. 17, 1874	3,290	Inoperative
207	Plumas	Nov. 16, 1874	400	Inoperative
208	Kern	Nov. 16, 1874	7,100	Inoperative
209	San Joaquin	Nov. 18, 1874	902	Inoperative
210	San Joaquin	Nov. 23, 1874	1,008	Inoperative
211	Plumas	Dec. 7, 1874	560	Inoperative
212	Plumas	Dec. 7, 1874	120	Inoperative
213	Sacramento	Dec. 11, 1874	2,418	Inoperative
214	Humboldt	Dec. 11, 1874	77	Inoperative
215	Sacramento	Jan. 8, 1875	582	Inoperative
216	Tulare	Jan. 8, 1875	2,080	Inoperative
217	Solano	Jan. 11, 1875	1,359	Inoperative
218	Solano	Feb. 3, 1875	7,388	Inoperative
219	Tehama	Mar. 6, 1875	120	Inoperative
220	Colusa	Mar. 13, 1875	2,645	Inoperative
221	San Joaquin	Mar. 13, 1875	3,907	Inoperative
222	Plumas	April 16, 1875	1,328	Inoperative
223	San Joaquin	May 27, 1875	52,700	Inoperative
224	Colusa	June 17, 1875	2,170	Inoperative
225	Sutter	June 18, 1875	6,910	Inoperative
226	Tulare	June 25, 1874	2,720	Inoperative
227	Tulare	June 25, 1874	1,120	Inoperative
228	Tulare	June 25, 1874	120	Inoperative
229	Tulare	June 25, 1874	80	Inoperative
230	Tulare	June 25, 1874	120	Inoperative
231	Tulare	June 25, 1874	80	Inoperative
232	Tulare	June 25, 1874	120	Inoperative
233	Tulare	June 25, 1874	40	Inoperative
234	Tulare	June 25, 1874	160	Inoperative
235	Tulare	June 25, 1874	120	Inoperative
236	Tulare	June 25, 1874	200	Inoperative
237	Tulare	June 25, 1874	80	Inoperative
238	Tulare	June 25, 1874	280	Inoperative
239	Tulare	June 25, 1874	120	Inoperative
240	Tulare	June 25, 1874	1,160	Inoperative
241	Tulare	June 25, 1874	560	Inoperative
242	Tulare	June 25, 1874	920	Inoperative
243	Inyo	July 3, 1875	80	Inoperative
244	Inyo	July 3, 1875	160	Inoperative
245	Inyo	July 3, 1875	400	Inoperative
246	Sonoma	July 31, 1875	2,127	Inoperative
247	Sonoma	Aug. 5, 1875	482	Inoperative
248	Tulare	Aug. 4, 1875	3,384	Inoperative
249	Tulare	Aug. 4, 1875	1,380	Inoperative
250	Tulare	Aug. 4, 1875	1,430	Inoperative
251	Tulare	Aug. 4, 1875	14,280	Inoperative

\* No record of acreage.

Number	County	Date of petition or formation	Acreage	Status
252	Sacramento	Aug. 6, 1875	2,328	Inoperative
253	Colusa	Aug. 13, 1875	6,445	Inoperative
254	Sacramento	Aug. 25, 1875	16,634	Inoperative
255	Lassen	Aug. 21, 1875	8,560	Inoperative
256	Solano	Sept. 22, 1875	1,666	Inoperative
257	Sacramento	Oct. 7, 1875	7,483	Inoperative
258	Solano	Oct. 27, 1875	19,544	Inoperative
259	Plumas	Nov. 10, 1875	160	Inoperative
260	Tulare	Nov. 12, 1875	80	Inoperative
261	Tulare	Nov. 12, 1875	160	Inoperative
262	Tulare	Nov. 12, 1875	160	Inoperative
263	Tulare	Nov. 12, 1875	80	Inoperative
264	Tulare	Nov. 12, 1875	80	Inoperative
265	Tulare	Nov. 12, 1875	200	Inoperative
266	Kern	Nov. 23, 1875	7,641	Inoperative
267	Lassen	Dec. 10, 1875	4,400	Inoperative
268	Plumas	Dec. 15, 1875	1,159	Inoperative
269	Fresno	Dec. 21, 1875	1,211	Inoperative
270	Plumas	Dec. 27, 1875	696	Inoperative
271	Merced	Feb. 2, 1876	31,682	Inoperative
272	Lassen	Feb. 14, 1876	1,240	Inoperative
273	Shasta	Feb. 17, 1876	8,180	Inoperative
274	Sacramento	April 4, 1876	230	Active
275	Colusa	April 27, 1876	120	Inoperative
276	Solano	May 2, 1876	1,618	Inoperative
277	Fresno	May 8, 1876	632	Inoperative
278	Plumas	June 30, 1876	240	Inoperative
279	Tulare	Aug. 4, 1876	6,541	Inoperative
280	Plumas	Aug. 9, 1876	360	Inoperative
281	Plumas	Aug. 9, 1876	340	Inoperative
282	San Joaquin	Aug. 23, 1876	3,100	Inoperative
283	Modoc	Aug. 23, 1876	10,025	Inoperative
284	Lassen	Sept. 9, 1876	120	Inoperative
285	Lassen	Sept. 9, 1876	1,240	Inoperative
286	Sacramento	Sept. 19, 1876	461	Inoperative
287	Sacramento	Sept. 25, 1876	2,255	Inoperative
288	Plumas	Oct. 6, 1876	160	Inoperative
289	Plumas	Oct. 6, 1876	1,517	Inoperative
290	Plumas	Oct. 6, 1876	549	Inoperative
291	Solano	Nov. 17, 1876	875	Inoperative
292	Plumas	Nov. 17, 1876	240	Inoperative
293	Solano	Feb. 1, 1876	962	Inoperative
294	Solano	Mar. 17, 1876	27,122	Inoperative
295	Lassen	April 23, 1876	1,224	Inoperative
296	Lassen	May 16, 1876	2,040	Inoperative
297	Plumas	May 18, 1876	120	Inoperative
298	Plumas	May 18, 1876	7,760	Inoperative
299	Tulare	June 15, 1876	1,960	Inoperative
300	Tulare	June 28, 1876	2,485	Inoperative
301	Tulare	June 28, 1876	2,188	Inoperative
302	San Joaquin	Aug. 15, 1876	48,187	Inoperative
303	San Joaquin	Aug. 15, 1876	3,513	Inoperative
304	Tulare	Aug. 16, 1876	4,760	Inoperative
305	Lassen	Sept. 14, 1876	680	Inoperative
306	Lassen	Sept. 15, 1876	717	Inoperative
307	Yolo	Sept. 18, 1876	5,911	Active
308	Solano	Sept. 22, 1876	3,250	Inoperative
309	Merced	Oct. 8, 1876	1,458	Inoperative
310	San Diego	Oct. 22, 1876	39,789	Inoperative
311	Humboldt	Oct. 23, 1876	1,090	Inoperative
312	Tulare	Dec. 22, 1876	3,040	Inoperative
313	Solano	Feb. 7, 1878	2,363	Inoperative
314	Plumas	Feb. 13, 1876	280	Inoperative
315	Fresno	Feb. 18, 1878	409	Inoperative
316	Lassen	Feb. 18, 1878	2,000	Inoperative
317	Sacramento	Mar. 27, 1878	3,448	Active
318	Plumas	Mar. 13, 1878	560	Inoperative
319	San Joaquin	June 10, 1878	550	Inoperative
320	Lassen	July 30, 1878	440	Inoperative
321	Lassen	July 30, 1878	240	Inoperative
322	Plumas	Aug. 12, 1878	240	Inoperative
323	Modoc	Aug. 16, 1878	160	Inoperative
324	Plumas	Nov. 9, 1878	680	Inoperative
325	Plumas	Nov. 9, 1878	480	Inoperative
326	Lassen	Nov. 19, 1878	2,320	Inoperative
327	Colusa	Nov. 26, 1878	280	Inoperative
328	Humboldt	Jan. 25, 1879	48	Inoperative
329	Lassen	Feb. 11, 1879	323	Inoperative
330	Lassen	Feb. 11, 1879	240	Inoperative
331	Solano	Feb. 15, 1879	805	Inoperative
332	Plumas	Feb. 15, 1879	1,120	Inoperative

Number	County	Date of petition or formation	Acreage	Status
333	Modoc	Feb. 19, 1879	1,920	Inoperative
334	Modoc	Feb. 19, 1879	889	Inoperative
335	Colusa	Mar. 6, 1879	680	Inoperative
336	Colusa	Mar. 6, 1879	3,160	Inoperative
337	San Joaquin	Mar. 13, 1879	5,817	Inoperative
338	Plumas	May 10, 1879	200	Inoperative
339	Modoc	May 13, 1879	839	Inoperative
340	Solano	May 22, 1879	643	Inoperative
341	Sacramento	June 17, 1879	10,305	Active
342	Modoc	Aug. 13, 1879	200	Inoperative
343	Merced	Sept. 27, 1879	1,015	Inoperative
343	Merced	Sept. 1879	1,766	Inoperative
344	Merced	Sept. 29, 1879	120	Inoperative
345	Sierra	Nov. 14, 1879	480	Inoperative
346	Tulare	Nov. 18, 1879	9,680	Inoperative
347	Tulare	Nov. 18, 1879	1,920	Inoperative
348	San Joaquin	Dec. 2, 1879	10,000	Active
349	Sacramento	Feb. 3, 1880	2,550	Active
350	Sonoma	Feb. 5, 1880	1,655	Inoperative
351	Solano	Feb. 17, 1880	340	Inoperative
352	Plumas	Feb. 18, 1880	240	Inoperative
353	Tulare	Mar. 31, 1880	1,280	Inoperative
354	Humboldt	April 13, 1880	280	Inoperative
355	Modoc	May 24, 1880	520	Inoperative
356	Modoc	May 24, 1880	280	Inoperative
357	Modoc	May 24, 1880	640	Inoperative
358	Merced	June 9, 1880	75	Inoperative
359	Merced	June 9, 1880	583	Inoperative
360	Merced	June 9, 1880	90	Inoperative
361	Merced	June 9, 1880	1,308	Inoperative
362	Sacramento	June 8, 1880	1,189	Inoperative
363	Solano	July 24, 1880	381	Inoperative
364	Sacramento	Aug. 6, 1880	730	Active
365	Plumas	Aug. 9, 1880	320	Inoperative
366	Sacramento	Aug. 11, 1880	1,454	Inoperative
367	Sacramento	Aug. 14, 1880	683	Inoperative
368	Plumas	Sept. 2, 1880	936	Inoperative
369	Sacramento	Sept. 21, 1880	554	Active
370	Sacramento	Sept. 21, 1880	553	Inoperative
371	Sacramento	Sept. 21, 1880	1,649	Inoperative
372	Lassen	Oct. 12, 1880	468	Inoperative
373	Lassen	Oct. 12, 1880	251	Inoperative
374	Humboldt	Oct. 19, 1880	1,590	Inoperative
375	Plumas	Oct. 26, 1880	160	Inoperative
376	Plumas	Oct. 26, 1880	280	Inoperative
377	Plumas	Nov. 15, 1880	160	Inoperative
378	Plumas	Nov. 15, 1880	2,118	Inoperative
379	Humboldt	Nov. 22, 1880	1,590	Inoperative
380	Plumas	Dec. 18, 1880	160	Inoperative
381	Modoc	Dec. 27, 1880	424	Inoperative
382	Modoc	Dec. 27, 1880	160	Inoperative
383	Modoc	Dec. 27, 1880	382	Inoperative
384	Modoc	Dec. 27, 1880	80	Inoperative
385	Sonoma	Jan. 17, 1881	244	Inoperative
386	Sacramento	Jan. 21, 1881	820	Inoperative
387	Plumas	Feb. 21, 1881	680	Inoperative
388	Lassen	Mar. 1, 1881	1,080	Inoperative
389	Tulare	Mar. 17, 1881	1,919	Inoperative
390	Colusa	April 2, 1881	260	Inoperative
391	Modoc	May 14, 1881	880	Inoperative
392	Lassen	May 25, 1881	240	Inoperative
393	Lassen	May 2, 1881	200	Inoperative
394	Modoc	June 11, 1881	1,120	Inoperative
396	Modoc	Aug. 9, 1881	160	Inoperative
397	Modoc	Aug. 9, 1881	120	Inoperative
398	Pluma	Aug. 17, 1881	560	Inoperative
399	Plumas	Aug. 17, 1881	560	Inoperative
400	Plumas	Aug. 17, 1881	360	Inoperative
401	Siskiyou	Aug. 29, 1881	120	Inoperative
402	Lassen	Aug. 30, 1881	1,080	Inoperative
403	San Joaquin	Oct. 7, 1881	1,576	Active
404	San Joaquin	Nov. 18, 1881	2,046	Active
404	Lassen	Nov. 19, 1881	80	Inoperative
405	Plumas	Nov. 23, 1881	360	Inoperative
406	Plumas	Dec. 19, 1881	880	Inoperative
407	Sacramento	Jan. 10, 1882	1,737	Active
408	Plumas	Feb. 13, 1882	280	Inoperative
409	Modoc	Feb. 23, 1882	80	Inoperative
410	Siskiyou	Mar. 6, 1882	520	Inoperative
411	Lassen	Mar. 13, 1882	80	Inoperative
412	Plumas	Mar. 24, 1882	2,264	Inoperative

Number	County	Date of petition or formation	Acreage	Status
413	Plumas	Mar. 24, 1882	120	Inoperative
414	Plumas	April 21, 1882	2,254	Inoperative
415	San Mateo	May 18, 1882	10,979	Inoperative
416	Lassen	May 25, 1882	11,052	Inoperative
417	Fresno	June 6, 1882	160	Inoperative
418	Sacramento	July 11, 1882	113	Inoperative
419	Plumas	July 17, 1882	160	Inoperative
420	Plumas	July 17, 1882	720	Inoperative
421	Lassen	Aug. 17, 1882	120	Inoperative
422	Merced	Sept. 4, 1882	171	Inoperative
423	Merced	Sept. 4, 1882	159	Inoperative
424	Merced	Sept. 4, 1882	319	Inoperative
425	Lassen	Oct. 4, 1882	2,240	Inoperative
426	Modoc	Nov. 21, 1882	117	Inoperative
427	Lassen	Nov. 22, 1882	120	Inoperative
428	Sacramento	Nov. 25, 1882	401	Inoperative
429	Plumas	Nov. 28, 1882	1,000	Inoperative
430	Kern	Dec. 23, 1882	10,000	Inoperative
431	Sacramento	Jan. 2, 1883	110	Inoperative
432	Sacramento	Jan. 2, 1883	80	Inoperative
433	Sacramento	Jan. 2, 1883	138	Inoperative
434	Marin	Feb. 12, 1883	1,127	Inoperative
435	Sonoma	Feb. 19, 1883	3,330	Inoperative
436	Modoc	Feb. 21, 1883	200	Inoperative
437	Plumas	Feb. 26, 1883	120	Inoperative
438	Sacramento	April 14, 1883	75	Inoperative
439	Sacramento	April 14, 1883	151	Inoperative
440	Sacramento	April 14, 1883	151	Inoperative
441	Sacramento	April 14, 1883	62	Inoperative
442	Marin	May 16, 1883	443	Inoperative
443	Mendocino	May 28, 1883	120	Inoperative
444	Mendocino	July 7, 1883	80	Inoperative
445	Merced	Aug. 9, 1883	180	Inoperative
446	San Joaquin	Aug. 15, 1883	2,046	Inoperative
447	Colusa	Aug. 23, 1883	3,040	Inoperative
448	Modoc	Sept. 12, 1883	4,476	Inoperative
449	Sonoma	Sept. 12, 1883	1,347	Inoperative
450	Modoc	Sept. 15, 1883	106	Inoperative
451	Modoc	Sept. 15, 1883	360	Inoperative
452	Modoc	Sept. 15, 1883	640	Inoperative
453	Lassen	Nov. 12, 1883	1,801	Inoperative
454	Kern	Feb. 14, 1884	11,760	Inoperative
455	Tulare	Feb. 15, 1884	640	Inoperative
456	Lassen	April 2, 1884	320	Inoperative
457	Kern	April 22, 1884	8,960	Inoperative
458	Kern	April 22, 1884	7,598	Inoperative
459	Lassen	May 13, 1884	8,900	Inoperative
460	Tulare	May 13, 1884	200	Inoperative
461	Humboldt	May 26, 1884	2,081	Inoperative
462	Colusa	June 25, 1884	22,007	Inoperative
463	Solano	July 8, 1884	29,913	Inoperative
464	Modoc	Aug. 20, 1884	280	Inoperative
465	Modoc	Aug. 20, 1884	200	Inoperative
466	Modoc	Aug. 20, 1884	400	Inoperative
467	Colusa	Sept. 18, 1884	6,418	Inoperative
468	Merced	Oct. 27, 1884	4,284	Inoperative
469	Lassen	Nov. 15, 1884	1,200	Inoperative
470	Modoc	Feb. 19, 1885	1,280	Inoperative
471	Plumas	Mar. 5, 1885	640	Inoperative
472	Napa	Mar. 24, 1885	1,951	Inoperative
472	Yolo	April 1885	549	Inoperative
473	Mendocino	April 14, 1885	1,080	Inoperative
474	Shasta	April 15, 1885	200	Inoperative
475	Humboldt	May 11, 1885	310	Inoperative
476	Lassen	July 15, 1885	1,040	Inoperative
477	Lassen	July 15, 1885	1,200	Inoperative
478	Siskiyou	July 20, 1885	433	Inoperative
479	Colusa	July 29, 1885	6,505	Active
480	Modoc	Aug. 5, 1885	120	Inoperative
481	Lassen	Sept. 16, 1885	640	Inoperative
482	Tulare	Jan. 12, 1886	320	Inoperative
483	Modoc	Jan. 22, 1886	2,000	Inoperative
484	Tulare	April 21, 1886	5,167	Inoperative
485	Lassen	May 7, 1886	240	Inoperative
486	Lassen	May 13, 1886	240	Inoperative
487	Humboldt	June 18, 1886	648	Inoperative
488	Solano	July 8, 1886	1,167	Inoperative
489	Modoc	July 26, 1886	80	Inoperative
490	Lassen	Aug. 6, 1886	160	Inoperative
491	Colusa and Glenn	Aug. 19, 1886	32,487	Inoperative
492	Lassen	Oct. 11, 1886	315	Inoperative

Number	County	Date of petition or formation	Acreage	Status
493	Tulare	Nov. 11, 1886	760	Inoperative
494	Tulare	Dec. 27, 1886	633	Inoperative
495	Shasta	Jan. 26, 1887	360	Inoperative
496	Tulare	Jan. 26, 1887	1,269	Inoperative
497	Lassen	Mar. 22, 1887	531	Inoperative
498	Shasta	Mar. 25, 1887	520	Inoperative
499	Lassen	April 15, 1887	40	Inoperative
500	Lassen	May 21, 1887	2,949	Inoperative
501	Solano	June 16, 1887	11,978	Active
502	Modoc	July 16, 1887	640	Inoperative
503	Solano	Sept. 30, 1887	534	Inoperative
504	Tulare	Oct. 18, 1887	640	Inoperative
505	Plumas	Oct. 21, 1887	640	Inoperative
506	Plumas	Dec. 17, 1887	120	Inoperative
507	Modoc	Jan. 20, 1888	160	Inoperative
508	Modoc	Jan. 20, 1888	155	Inoperative
509	Tulare	Jan. 20, 1888	1,832	Inoperative
510	Lassen	Mar. 22, 1888	218	Inoperative
511	Modoc	July 21, 1888	1,820	Inoperative
512	Modoc	July 21, 1888	1,218	Inoperative
513	Modoc	July 21, 1888	320	Inoperative
514	Modoc	July 21, 1888	240	Inoperative
515	Siskiyou	Aug. 2, 1888	640	Inoperative
516	Lassen	Aug. 23, 1888	390	Inoperative
517	Lassen	Aug. 23, 1888	400	Inoperative
518	Kern	Jan. 10, 1889	3,237	Inoperative
519	Kern	Jan. 11, 1889	16,539	Inoperative
520	Lassen	April 1, 1889	160	Inoperative
521	Butte	May 14, 1889	4,465	Inoperative
522	Colusa	May 24, 1889	4,875	Inoperative
523	Humboldt	June 3, 1889	2,262	Inoperative
524	San Joaquin	Nov. 11, 1889	19,776	Active
525	Plumas	Nov. 12, 1889	409	Inoperative
526	Lassen	Nov. 26, 1889	221	Inoperative
527	Yolo	April 25, 1890	6,146	Inoperative
528	Lake	July 17, 1890	4,457	Inoperative
529	Modoc	Aug. 16, 1890	1,560	Inoperative
530	Yolo	Nov. 13, 1890	2,720	Inoperative
531	Kings	Nov. 20, 1890	9,335	Active
532	Sacramento	Feb. 11, 1891	2,033	Active
533	Tulare	June 8, 1891	960	Inoperative
534	Marin	June 26, 1891	762	Inoperative
535	Sacramento	Aug. 8, 1891	5,000	Active
536	Solano	Sept. 11, 1891	8,933	Active
537	Yolo	Sept. 28, 1891	3,033	Active
538	Marin	Oct. 1, 1891	145	Inoperative
539	Yolo	Oct. 15, 1891	5,076	Inoperative
540	Fresno	Jan. 25, 1892	189	Inoperative
541	Lassen	Mar. 3, 1892	1,115	Inoperative
542	Butte	April 1, 1892	5,723	Inoperative
543	San Mateo	July 26, 1892	4,593	Inoperative
544	San Joaquin	Aug. 4, 1892	7,474	Active
545	Fresno	Sept. 19, 1892	640	Inoperative
546	Marin	Oct. 4, 1892	273	Inoperative
547	Marin	Oct. 4, 1892	469	Inoperative
548	San Joaquin	Nov. 16, 1892	10,608	Active
549	Tulare	Dec. 16, 1892	7,720	Inoperative
550	Fresno	Mar. 10, 1893	353	Inoperative
551	Sacramento	May 11, 1893	8,800	Active
552	Fresno	May 15, 1893	883	Inoperative
553	Fresno	May 15, 1893	311	Inoperative
554	Sacramento	Aug. 25, 1893	699	Active
555	Shasta	Sept. 6, 1893	2,188	Inoperative
556	Shasta	Sept. 12, 1893	330	Inoperative
556	Sacramento	Sept. 12, 1893	2,378	Active
557	Lassen	Oct. 9, 1893	5,216	Inoperative
558	Modoc	Oct. 20, 1893	200	Inoperative
559	Sacramento	Oct. 21, 1893	1,639	Inoperative
560	Tulare	Dec. 9, 1893	7,538	Inoperative
561	San Joaquin	Feb. 16, 1894	1,402	Inoperative
562	Shasta	Mar. 9, 1894	505	Inoperative
563	Sacramento	May 7, 1894	4,616	Active
564	Shasta	May 16, 1894	240	Inoperative
565	Merced	Aug. 13, 1894	915	Inoperative
566	Merced	Aug. 13, 1894	160	Inoperative
567	Merced	Aug. 13, 1894	101	Inoperative
568	Merced	Aug. 13, 1894	244	Inoperative
569	Merced	Aug. 13, 1894	6,823	Inoperative
570	Merced	Aug. 13, 1894	2,104	Inoperative
571	Merced	Aug. 13, 1894	40	Inoperative
572	Merced	Aug. 13, 1894	2,557	Inoperative

Number	County	Date of petition or formation	Acreage	Status
573	Merced	Aug. 13, 1894	800	Inoperative
574	Merced	Aug. 13, 1894	143	Inoperative
575	Merced	Aug. 13, 1894	160	Inoperative
577	Merced	Nov. 24, 1894	627	Inoperative
578	Merced	Nov. 21, 1894	139	Inoperative
579	Merced	Nov. 24, 1894	265	Inoperative
580	Merced	Nov. 24, 1894	36	Inoperative
581	Merced	Nov. 24, 1894	122	Inoperative
582	Merced	Nov. 24, 1894	33	Inoperative
583	Merced	Nov. 24, 1894	86	Inoperative
584	Merced	Nov. 24, 1894	154	Inoperative
585	Merced	Nov. 24, 1894	45	Inoperative
586	Merced	Nov. 24, 1894	109	Inoperative
587	Merced	Nov. 24, 1894	52	Inoperative
588	Merced	Nov. 24, 1894	84	Inoperative
589	Merced	Nov. 24, 1894	640	Inoperative
590	Merced	Nov. 24, 1894	480	Inoperative
591	Merced	Nov. 24, 1894	29	Inoperative
592	Merced	Nov. 24, 1894	71	Inoperative
593	Merced	Nov. 24, 1894	17	Inoperative
594	Merced	Nov. 24, 1894	19	Inoperative
595	Merced	Nov. 24, 1894	264	Inoperative
596	Merced	Nov. 24, 1894	32	Inoperative
597	Merced	Nov. 24, 1894	20	Inoperative
598	Merced	Nov. 24, 1894	39	Inoperative
599	Merced	Nov. 24, 1894	16	Inoperative
600	Merced	Nov. 24, 1894	69	Inoperative
601	Merced	Nov. 24, 1894	960	Inoperative
602	Merced	Nov. 24, 1894	54	Inoperative
603	Merced	Nov. 24, 1894	107	Inoperative
604	Merced	Nov. 24, 1894	104	Inoperative
605	Merced	Nov. 24, 1894	75	Inoperative
606	Merced	Nov. 24, 1894	289	Inoperative
607	Humboldt	Dec. 6, 1894	464	Inoperative
608	Merced	Dec. 13, 1894	360	Inoperative
609	Merced	Dec. 13, 1894	47	Inoperative
610	Merced	Dec. 13, 1894	20	Inoperative
611	Merced	Jan. 11, 1895	72	Inoperative
612	Merced	Jan. 11, 1895	3,963	Inoperative
613	Humboldt	Jan. 19, 1895	468	Inoperative
614	Merced	Mar. 7, 1895	71	Inoperative
615	Madera	Jan. 28, 1895	205	Inoperative
616	Madera	Mar. 28, 1895	14	Inoperative
617	Madera	Mar. 28, 1895	28	Inoperative
618	Madera	Mar. 28, 1895	2,338	Inoperative
619	Madera	Mar. 28, 1895	415	Inoperative
620	Madera	Mar. 28, 1895	140	Inoperative
621	Madera	Mar. 28, 1895	36	Inoperative
622	Madera	Mar. 28, 1895	234	Inoperative
623	Madera	Mar. 28, 1895	22	Inoperative
624	Madera	Mar. 28, 1895	381	Inoperative
625	Madera	Mar. 28, 1895	46	Inoperative
626	Madera	Mar. 28, 1895	160	Inoperative
627	Madera	Mar. 28, 1895	44	Inoperative
628	Madera	Mar. 28, 1895	165	Inoperative
629	Madera	Mar. 28, 1895	63	Inoperative
630	Madera	Mar. 28, 1895	476	Inoperative
631	Fresno	April 12, 1895	2,593	Inoperative
632	Fresno	April 12, 1895	40	Inoperative
633	Fresno	April 12, 1895	277	Inoperative
634	Fresno	April 12, 1895	100	Inoperative
635	Fresno	April 12, 1895	158	Inoperative
636	Fresno	April 12, 1895	214	Inoperative
637	Fresno	April 12, 1895	375	Inoperative
638	Fresno	April 12, 1895	79	Inoperative
639	Fresno	April 12, 1895	69	Inoperative
640	Fresno	April 12, 1895	68	Inoperative
641	Fresno	April 12, 1895	718	Inoperative
642	Fresno	April 12, 1895	136	Inoperative
643	Fresno	April 12, 1895	120	Inoperative
644	Fresno	April 12, 1895	639	Inoperative
645	Fresno	April 12, 1895	40	Inoperative
646	Humboldt	April 24, 1895	706	Inoperative
647	Madera	April 26, 1895	4,973	Inoperative
648	Madera	April 26, 1895	40	Inoperative
649	Madera	April 26, 1895	40	Inoperative
650	Merced	May 9, 1895	40	Inoperative
651	Merced	May 9, 1895	63	Inoperative
652	Merced	May 9, 1895	184	Inoperative
653	Merced	May 9, 1895	21	Inoperative
654	Merced	May 9, 1895	78	Inoperative

Number	County	Date of petition or formation	Acreage	Status
655	Merced	May 9, 1895	72	Inoperative
656	Merced	May 16, 1895	30	Inoperative
657	Merced	May 16, 1895	59	Inoperative
658	Merced	July 5, 1895	68	Inoperative
659	San Joaquin	Aug. 13, 1895	10,540	Inoperative
660	Stanislaus	Oct. 14, 1895	68	Inoperative
661	Stanislaus	Oct. 14, 1895	986	Inoperative
662	Stanislaus	Oct. 14, 1895	157	Inoperative
663	Stanislaus	Oct. 14, 1895	867	Inoperative
664	Stanislaus	Oct. 14, 1895	708	Inoperative
665	Stanislaus	Oct. 14, 1895	86	Inoperative
666	Stanislaus	Oct. 14, 1895	346	Inoperative
667	Stanislaus	Oct. 14, 1895	200	Inoperative
668	Stanislaus	Oct. 14, 1895	638	Inoperative
669	Stanislaus	Oct. 14, 1895	207	Inoperative
670	Stanislaus	Oct. 14, 1895	71	Inoperative
671	Stanislaus	Oct. 14, 1895	214	Inoperative
672	Stanislaus	Oct. 14, 1895	274	Inoperative
673	Sacramento	Nov. 20, 1895	3,099	Active
674	Tulare	Dec. 17, 1895	625	Inoperative
675	Tulare	April 10, 1896	142	Inoperative
676	Humboldt	May 13, 1896	123	Inoperative
677	Kings	June 23, 1896	240	Active
678	Kings	June 23, 1896	80	Active
679	Modoc	July 20, 1896	120	Inoperative
680	Plumas	July 21, 1897	174	Inoperative
681	Plumas	July 21, 1897	800	Inoperative
682	Plumas	Sept. 23, 1897	160	Inoperative
683	Humboldt	Oct. 1, 1897	827	Inoperative
684	San Joaquin	Oct. 8, 1897	10,659	Active
685	Kings	Nov. 6, 1897	4,349	Active
686	Kings	Jan. 7, 1898	5,079	Active
687	Plumas	Sept. 22, 1898	160	Inoperative
688	Stanislaus	Nov. 10, 1898	128	Inoperative
689	Stanislaus	Nov. 30, 1898	252	Inoperative
690	Kings	Nov. 30, 1898	2,294	Active
691	San Joaquin	Feb. 21, 1899	4,568	Inoperative
692	Kings	July 5, 1899	27,957	Active
693	Plumas	July 22, 1899	581	Inoperative
694	Plumas	July 22, 1899	379	Inoperative
695	Lake	Nov. 21, 1899	844	Inoperative
696	Merced	Dec. 19, 1899	192	Inoperative
697	Lassen	Feb. 5, 1900	120	Inoperative
698	Lake	April 26, 1900	792	Inoperative
699	Merced	May 26, 1900	180	Inoperative
700	Humboldt	Aug. 21, 1900	26	Inoperative
701	Modoc	Aug. 28, 1900	201	Inoperative
702	Modoc	Aug. 28, 1900	455	Inoperative
703	Plumas	Dec. 4, 1900	40	Inoperative
704	Modoc	Dec. 4, 1900	154	Inoperative
705	Kings	Dec. 20, 1900	909	Active
706	Kings	Jan. 31, 1901	1,988	Inoperative
707	Modoc	Mar. 7, 1901	237	Inoperative
708	Modoc	Mar. 7, 1901	156	Inoperative
709	Modoc	July 20, 1901	70	Inoperative
710	Modoc	July 20, 1901	60	Inoperative
711	Modoc	July 20, 1901	160	Inoperative
712	Trinity	July 20, 1901	240	Inoperative
713	Merced	July 20, 1901	50	Inoperative
714	Merced	July 20, 1901	48	Inoperative
715	Merced	July 20, 1901	172	Inoperative
716	Merced	Aug. 14, 1901	184	Inoperative
717	Merced	Aug. 14, 1901	86	Inoperative
718	Plumas	Aug. 29, 1901	720	Inoperative
719	Plumas	Aug. 29, 1901	479	Inoperative
720	Merced	Nov. 27, 1901	65	Inoperative
721	Merced	Nov. 27, 1901	90	Inoperative
722	Merced	Nov. 27, 1901	43	Inoperative
723	Merced	Jan. 27, 1902	21	Inoperative
724	Merced	Jan. 27, 1902	40	Inoperative
725	Merced	Jan. 27, 1902	28	Inoperative
726	Merced	Jan. 27, 1902	72	Inoperative
727	Merced	Jan. 27, 1902	51	Inoperative
728	Merced	July 15, 1902	281	Inoperative
729	Modoc	July 15, 1902	489	Inoperative
729	Yolo	Sept. 17, 1902	27,000	Inoperative
730	Yolo	Dec. 16, 1902	4,497	Active
731	San Joaquin	Feb. 2, 1903	6,120	Inoperative
732	Lassen	Mar. 17, 1903	680	Inoperative
733	Stanislaus	Mar. 17, 1903	489	Inoperative
734	Modoc	Mar. 17, 1903	420	Inoperative

Number	County	Date of petition or formation	Acres	Status
735	Merced	May 14, 1903	37	Inoperative
736	Merced	May 14, 1903	204	Inoperative
737	Modoc	May 15, 1903	76	Inoperative
738	Shasta	June 6, 1903	160	Inoperative
739	Kings	June 6, 1903	7,300	Active
740	Modoc	June 23, 1903	76	Inoperative
741	Yolo	Aug. 1, 1903	4,497	Inoperative
742	Yolo	Aug. 5, 1903	549	Inoperative
743	Kings	Aug. 6, 1903	3,340	Inoperative
744	Sacramento	Sept. 11, 1903	1,618	Active
745	Sacramento	Sept. 25, 1903	136	Active
746	Sacramento	Oct. 24, 1903	135	Active
747	Yolo	Nov. 12, 1903	5,223	Inoperative
748	Kings	Dec. 10, 1903	1,920	Active
749	Kings	Dec. 21, 1903	19,392	Active
750	Kings	Dec. 28, 1903	775	Active
751	Kings	Jan. 23, 1904	1,280	Active
752	Yolo	Feb. 5, 1904	230	Active
753	Kings	Feb. 9, 1904	3,793	Active
754	San Mateo	July 14, 1904	4,410	Inoperative
755	Sacramento	July 25, 1904	408	Active
756	San Joaquin	Oct. 11, 1904	6,006	Active
757	Kings	Oct. 14, 1904	9,454	Inoperative
758	Yolo	Oct. 4, 1904	687	Inoperative
759	Kings	Dec. 12, 1904	825	Active
760	Kings	Dec. 12, 1904	13,108	Active
761	Kings	Dec. 12, 1904	27,028	Active
762	Yolo	Jan. 5, 1905	387	Inoperative
763	Sutter	Feb. 11, 1905	3,391	Inoperative
764	Sutter	Feb. 11, 1905	2,485	Inoperative
764	Kings	Feb. 16, 1905	2,676	Inoperative
765	Yolo	April 22, 1905	1,322	Active
766	Kings	Aug. 7, 1905	320	Active
767	Kings	Aug. 7, 1905	320	Active
768	Humboldt	Aug. 7, 1905	1,524	Inoperative
769	Modoc	Dec. 4, 1905	120	Inoperative
770	Kings	Feb. 14, 1906	13,729	Active
771	Kings	July 23, 1906	2,200	Active
772	Stanislaus	Oct. 15, 1906	121	Inoperative
773	San Joaquin	Jan. 15, 1907	7,195	Active
775	Stanislaus	Jan. 31, 1907	65	Inoperative
776	Fresno	June 4, 1907	8,000	Active
777	Sutter	July 25, 1907	12,453	Active
778	Yolo	Aug. 30, 1907	2,925	Inoperative
779	Fresno and Kings	Aug. 30, 1907	19,277	Active
780	Kings	Oct. 14, 1907	29,683	Active
781	Fresno	Dec. 6, 1907	5,714	Active
782	Yolo	April 8, 1908	364	Inoperative
783	Sutter	April 17, 1908	420	Inoperative
784	Yuba	May 6, 1908	19,580	Active
785	Yolo	May 18, 1908	2,974	Active
783	Lassen	July 13, 1908	1,641	Inoperative
787	Yolo	Aug. 20, 1908	9,453	Active
788	Contra Costa	Nov. 24, 1908	648	Active
789	Modoc	Dec. 9, 1908	164	Inoperative
790	Stanislaus	Jan. 18, 1909	152	Inoperative
791	Sacramento and Sutter	Jan. 20, 1909	53,952	Inoperative
792	Sutter	Jan. 28, 1909	1,444	Inoperative
793	Sutter	Feb. 8, 1909	4,933	Inoperative
794	Sutter	Feb. 8, 1909	2,436	Inoperative
795	Yolo	Feb. 13, 1909	5,223	Inoperative
796	Sutter	Feb. 15, 1909	1,406	Inoperative
798	Santa Barbara	June 17, 1909	35,289	Inoperative
799	Contra Costa	July 15, 1909	2,907	Active
800	Sacramento	Mar. 14, 1907	2,180	Active
800	Contra Costa	July 29, 1909	6,319	Active
801	Fresno	Sept. 28, 1909	10,904	Active
802	Contra Costa	Oct. 18, 1909	3,363	Active
803	Sutter	Dec. 13, 1909	2,000	Active
804	Sutter	Dec. 13, 1909	9,880	Inoperative
805	Fresno	Jan. 5, 1910	2,870	Active
806	Stanislaus	Jan. 14, 1910	105	Inoperative
807	Sacramento	April 7, 1910	202	Active
808	Kings	May 23, 1910	3,360	Inoperative
809	Kings	May 23, 1910	16,160	Inoperative
810	Sutter	June 10, 1910	151	Inoperative
811	Yolo	Aug. 18, 1910	1,069	Active
812	Kings	Sept. 6, 1910	10,202	Active
813	Sacramento	Sept. 10, 1910	2,550	Active
814	Kings	Sept. 12, 1910	1,049	Inoperative
815	Colusa	Sept. 14, 1910	4,240	Inoperative
816	Colusa	Oct. 13, 1910	252	Active

## DIVISION OF WATER RESOURCES

Number	County	Date of petition or formation	Acreage	Status
817	Yuba	Nov. 9, 1910	3,120	Active
818	Sutter	Nov. 28, 1910	9,089	Inoperative
819	Yolo	Jan. 26, 1911	334	Active
820	Yolo	Feb. 16, 1911	820	Active
821	Yolo	April 8, 1911	1,250	Active
822	Yolo	April 8, 1911	370	Inoperative
823	Sutter	Aug. 17, 1911	2,801	Active
824	Sacramento	Sept. 15, 1911	463	Active
825	Kings	Oct. 9, 1911	16,589	Active
826	Kings	Dec. 12, 1911	3,549	Inoperative
827	Yolo	Jan. 4, 1912	1,225	Active
828	San Joaquin	Mar. 20, 1912	695	Active
829	Kings	April 10, 1912	25,468	Inoperative
830	Contra Costa	Mar. 11, 1911	3,557	Active
832	Butte and Sutter	April 8, 1911	17,400	Active
833	Butte	April 8, 1911	58,027	Active
990	Yolo	June 16, 1913	10,811	Active
999	Yolo and Solano	May 22, 1913	26,136	Active
1090	Sacramento and Sutter	April 8, 1911	55,129	Active
1001	Sutter	April 8, 1911	31,192	Active
1002	Sacramento	May 7, 1912	6,800	Active
1093	Fresno	May 9, 1912	1,615	Active
1004	Colusa	July 12, 1919	23,282	Active
1005	Colusa	Oct. 31, 1912	587	Active
1006	Stanislaus	Dec. 6, 1912	4,271	Inoperative
1007	San Joaquin	Mar. 12, 1913	6,089	Active
1008	Lassen	Mar. 12, 1913	1,253	Inoperative
1009	Yolo	Mar. 22, 1913	442	Active
1010	Kern	Mar. 22, 1913	1,763	Inoperative
1011	San Luis Obispo	July 21, 1913	913	Inoperative
1012	San Mateo	Aug. 6, 1913	385	Inoperative
1100	Sacramento	June 13, 1913	469	Inoperative
1500	Sutter	April 30, 1913	67,850	Active
1600	Yolo	May 26, 1913	6,924	Active
1601	Sacramento	Jan. 12, 1914	3,630	Active
1602	Stanislaus	Jan. 21, 1914	1,494	Active
1603	Humboldt	Jan. 27, 1914	106	Inoperative
1604	Stanislaus	Feb. 11, 1914	3,940	Active
1605	Fresno	Mar. 13, 1914	19,033	Active
1606	Fresno	May 9, 1914	18,759	Active
1607	Solano	May 28, 1914	2,361	Active
1608	San Joaquin	July 13, 1914	990	Active
1609	Sacramento	July 29, 1914	1,886	Active
1610	Modoc	Aug. 13, 1914	49	Inoperative
1611	Modoc	Aug. 22, 1914	3,539	Inoperative
1612	Modoc	Aug. 21, 1914	4,760	Inoperative
1613	Modoc	Oct. 29, 1914	4,500	Inoperative
1614	San Joaquin	Oct. 14, 1915	1,773	Active
1615	Kings	Jan. 18, 1915	819	Active
1616	Kings	July 9, 1914	1,920	Inoperative
1617	Kings	Aug. 3, 1914	1,920	Inoperative
1618	Kings	Aug. 7, 1914	14,332	Active
1619	Contra Costa	Feb. 16, 1915	3,494	Active
1620	Kings	Feb. 17, 1915	8,960	Inoperative
1660	Sutter	Jan. 1, 1915	15,704	Active
1661	Solano	Dec. 6, 1915	875	Active
1662	Kings	Feb. 8, 1916	7,186	Active
1663	Santa Clara	Aug. 7, 1916	1,125	Active
1664	Madera and Merced	Aug. 14, 1916	88,633	Active
1665	Monterey	Sept. 8, 1916	4,705	Active
1666	Las er	Oct. 31, 1916	480	Inoperative
1667	Solano	Jan. 2, 1917	2,478	Active
1668	Lassen	Jan. 9, 1917	512	Inoperative
2020	Sacramento and San Joaquin	May 26, 1917	1,728	Active
2021	San Joaquin	Oct. 2, 1917	1,337	Active
2022	Sacramento	Oct. 22, 1917	467	Active
2023	San Joaquin	Mar. 13, 1918	3,843	Active
2024	Contra Costa	April 15, 1918	3,749	Active
2025	Contra Costa	April 15, 1918	4,294	Active
2026	Contra Costa	April 15, 1918	5,523	Active
2027	San Joaquin	Mar. 21, 1918	5,438	Active
2028	San Joaquin	Mar. 21, 1918	5,625	Active
2029	San Joaquin	Mar. 21, 1918	3,708	Active
2030	San Joaquin	Mar. 21, 1918	6,142	Active
2031	Stanislaus	July 22, 1919	5,030	Active
2032	Solano	Mar. 3, 1919	1,428	Active
2033	San Joaquin	April 7, 1919	4,728	Active
2034	Solano	April 7, 1919	1,523	Active
2035	Contra Costa	April 8, 1919	20,805	Active
2036	Contra Costa	May 5, 1919	2,464	Active
2037	San Joaquin	May 6, 1919	6,836	Active

Number	County	Date of petition or formation	Acreage	Status
2038	San Joaquin	May 6, 1919	5,739	Active
2039	San Joaquin	May 6, 1919	6,288	Active
2040	San Joaquin	July 9, 1919	7,313	Active
2041	San Joaquin	June 3, 1919	1,260	Active
2042	San Joaquin	June 3, 1919	3,055	Active
2043	Solano	Aug. 4, 1919	433	Active
2044	San Joaquin	Aug. 5, 1919	3,260	Active
2045	Modoc	Aug. 15, 1919	396	Inoperative
2046	Modoc	Nov. 28, 1919	320	Inoperative
2047	Colusa and Glenn	Dec. 16, 1919	230,185	Active
2048	Kings	June 5, 1920	4,295	Active
2049	Santa Cruz	Feb. 2, 1920	318	Active
2050	Santa Cruz	April 23, 1918	396	Active
2051	Merced	Dec. 6, 1920	48,188	Active
2052	Alameda	Jan. 26, 1921	977	Inoperative
2053	Merced and Fresno	Mar. 7, 1921	103,790	Active
2054	Sutter and Butte	May 3, 1921	12,911	Active
2055	Kern	May 3, 1921	85,892	Active
2056	Sutter and Butte	Aug. 2, 1921	9,120	Active
2057	Modoc	Nov. 3, 1921	1,360	Inoperative
2058	San Joaquin	Nov. 7, 1921	8,500	Active
2059	Contra Costa	Nov. 21, 1921	2,159	Active
2060	Solano	Jan. 3, 1922	7,396	Active
2061	Sonoma	May 8, 1922	2,929	Active
2062	San Joaquin	July 3, 1922	4,709	Active
2063	Stanislaus	Aug. 15, 1922	1,752	Active
2064	San Joaquin	April 3, 1923	5,075	Active
2065	Contra Costa	April 2, 1923	1,363	Active
2066	Sutter	Feb. 4, 1924	607	Active
2067	Sacramento	Mar. 24, 1924	7,262	Active
2068	Solano	April 7, 1924	13,640	Active
2069	Kings	Nov. 21, 1924	2,449	Active
2070	Lake	Feb. 16, 1925	846	Active
2071	Kings	April 7, 1925	5,221	Active
2072	San Joaquin	July 30, 1926	2,245	Active
2073	Tehama	Dec. 28, 1926	2,012	Active
2074	San Joaquin	Mar. 3, 1927	1,798	Active
2075	San Joaquin	Mar. 23, 1927	5,930	Active
2076	Yolo	April 11, 1928	22,023	Active
2077	Sacramento	June 12, 1929	1,540	Active

By counties\* formation has taken place as follows:

County	Number of districts	
	Formed	Active
Alameda	2	--
Butte	4	2
Colusa	28	6
Contra Costa	36	13
Fresno	39	9
Glenn	2	--
Humboldt	17	--
Inyo	3	--
Kern	16	1
Kings	43	30
Lake	7	1
Lassen	57	--
Madera	20	1
Marin	10	--
Mendocino	3	--
Merced	95	1
Modoc	62	--
Monterey	1	1
Napa	3	--
Plumas	66	--
Sacramento	84	33
San Diego	2	--
San Joaquin	74	33
San Luis Obispo	1	--
San Mateo	6	--
Santa Barbara	1	--
Santa Clara	2	1
Santa Cruz	2	2
Shasta	9	--
Sierra	1	--
Siskiyou	4	--
Solano	50	10

County	Number of districts	
	Formed	Active
Sonoma	9	1
Stanislaus	24	3
Sutter	26	12
Tehama	7	1
Trinity	1	--
Tulare	13	--
Yolo	38	18
Yuba	3	3
Totals	931	182

\* Where a district lies in two or more counties, county embracing greater area listed.

#### Numerical designation.

From the foregoing, it will be noted that the highest numbered and most recently formed reclamation district, i.e., No. 2077, is by no means an indication of the total number of such districts hitherto organized in this State. A perusal of the organization list will show duplications, as well as omissions, in numbers.

A list of duplications follows:

4 districts numbered	1)	} Accounting for 15 districts not indicated by consecutive numbers.
2 districts numbered	2	
2 districts numbered	5	
2 districts numbered	10	
2 districts numbered	50	
2 districts numbered	139	
2 districts numbered	343	
2 districts numbered	404	
2 districts numbered	472	
2 districts numbered	556	
2 districts numbered	729	
2 districts numbered	764	
2 districts numbered	800)	

Numbers omitted prior to 1894 may undoubtedly be accounted for by their reservation for districts which had filed organization petitions and which for some reason did not complete organization. Numbers omitted from this cause follow:

Nos. 29 to 37, inclusive.]	} Accounting for 18 missing numbers.
43, 55, 56, 60, 62, ]	
64, 65, 66, 395. ]	

Other missing numbers follow:

No. 576—Voided,
No. 774—Act of creation failed to pass,
No. 797—Assigned to Legislature—never used,
No. 831—Act of creation repealed;

thus accounting for four missing numbers.

The Legislature arbitrarily assigned Nos. 830, 832, 833, 900, 999, 1000 and 1001; consequently the Register omitted certain numbers and resumed numbering with No. 1002. Again the Legislature assigned Nos. 1500, 1600 and 1660. Numbers thus omitted follow:

Nos. 834 to 899, inclusive.]	} Accounting for 1139 missing numbers.
Nos. 901 to 998, inclusive]	
Nos. 1013 to 1399, inclusive]	
Nos. 1401 to 1499, inclusive]	
Nos. 1501 to 1599, inclusive]	
Nos. 1621 to 1659, inclusive]	
Nos. 1699 to 2019, inclusive]	

The total of missing numbers is 1161.

*Summary*

Last number issued by register -----	2,077
Plus duplications -----	15
	<hr/>
	2,092
Less omissions -----	1,161
	<hr/>
Total districts organized -----	931
Less active districts -----	182
	<hr/>
Inoperative districts -----	749

The active list of reclamation districts in reality accounts for much of the area originally embraced within the boundaries of the inoperative reclamation districts through consolidations and inclusions. Under the provisions of section 3489 of the Political Code, originally enacted in 1873, consolidations were effected, and the consolidated district became known by the number of the district containing the greatest area of land. Special acts of creation by the Legislature usually provided for the dissolution of all other districts lying wholly or partially within the designated boundaries. Inoperative districts now included within the boundaries of active reclamation districts are shown in the table following:

Consolidations and inclusions within boundaries of present active districts:

<i>Recl. Dist. No.</i>	<i>Consolidations and inclusions</i>
1	Portion of original No. 1
3	366-370-371-431-438-439-440-441
70	763
108	92-94-467-729
150	177
307	147
317	Portion of 148
341	54-252
348	Portions of 5 and 337
364	175
403	163
404	446
407	Consolidation of 8 and portion of 148
479	67-467
501	41
524	Consolidation of 110-209-302, includes portions 109-223
532	4
535	Portion of 287
536	7-291-308
544	Portions of 109 and 223
548	46-58-169-210
551	205-257-362-367
556	8
563	386
673	203
684	659, portions of 109 and 223
685	808
739	Portion of 1615
744	Portion of 254
745	Portion of 254
746	418
749	Consolidated with 757
753	Consolidated with 706
756	22-66
759	Portion of 750
761	Consolidated with 1620, portion of 748
765	Portion of 472
773	Portion of 282
780	Consolidated with 814
785	Consolidated with 778 and 782
799	Portions of 99-103-161-165
800	Portions of 99-161-107
811	Portions of 539
813	433, portion of 254
825	Portion of 826
827	762
830	164
833	Portion of 521
900	Consolidated with 742, portion of 539

*Recl.**Dist.*

No.

*Consolidations and inclusions*

999	Portions of 116 and 472
1000	Portion of original No. 1 and 791, consolidated with 1000
1001	Portion of original No. 1, all 818, portion of 791
1004	Portions of 68-87-115-225-253
1500	69-792-793-796-804-810
1601	117-559
1607	313
1608	162-221
1609	Portion of 71
1614	561
1615	739
1618	Consolidation of 743-1616-1617
1619	Portions of 102-107-183
1660	Portions of 792
1662	764, portion of 692
1667	217
2022	Portion of 254
2023	Portion of 57
2025	Portion of 107
2026	Portions of Contra Costa 2 and 160
2027	130
2028	53
2029	83-189-190
2030	319 and portions of 109-223
2031	663
2033	72 and portion of 169
2037	Portions of 60 and 221
2038	Portions of 109 and 223
2039	Portions of 109 and 223
2040	282
2042	Portions of 61-63-691
2044	691
2047	77-91-124-275-335-336-390-447-491-522-857
2054	Portion of 831
2056	Portion of 831
2059	Portions of Contra Costa 2 and 160
2060	81-218
2065	107
2067	74-76-129 and portion of 148
2072	Portion of 53

## FINANCIAL HISTORY OF CALIFORNIA RECLAMATION DISTRICTS—1861—1930

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### Districts under Swamp Land Commissioners (1861—1866).

Districts of this period were aided in their construction costs to the extent of \$1 per acre by the creation of a swamp land fund derived from the original payments made to the State for the purchase of swamp and overflowed lands.

It soon became evident, however, that some means of financing the complete reclamation of these districts should be devised and in this connection the following is quoted from the second annual report of the Swamp Land Commissioners, dated December 11, 1862:

Under the law as it now stands, every district has all the money collected for lands sold within its boundaries, but no district has money enough to reclaim itself. The land is valueless to borrow money on until capitalists are convinced that it has been or will be reclaimed. Then we contend it is not wise to continue this state of thing. We therefore recommend that the Commission be permitted to use the Swamp Land Fund in reclaiming a district and when reclaimed tax it for the amount of cost over and above its own dues and pay it back into the treasury; then with the same money reclaim another district, and so on. In this way the money would be constantly in use, while the people would be enabled to borrow money on lands reclaimed and thereby develop the agricultural resources of their farms.

It must be borne in mind that the reclamation works of this period had little in common with the massive levees and elaborate drainage and irrigation systems of the present day. Debris from hydraulic mining had not as yet affected the water plane of the Sacramento River and its tributaries and hand or team constructed dykes of small cross section sufficed to protect the lands from normal overflow. Drainage waters were usually expelled through wooden outlet gates placed in the levees.

Thus the reclamations of this period were accomplished at a comparatively low cost per acre and were in general financed by a direct pro rata tax levy upon the land owners.

### Districts under county boards of supervisors (1867—1911).

As previously noted the great majority of the districts organized during this period did little or nothing and were soon abandoned.

There were in existence during this period, however, some 48 reclamation districts in the Sacramento Valley and lower delta regions which had spent in excess of \$15,000,000 in works of reclamation up to 1903. The Jackson report in commenting upon conditions at this time states: "This overflow land is probably as good and productive as any in the State of California. Reclaimed lands that are improved, i.e., hop vineyards, orchards, asparagus and alfalfa lands, are now valued as high as \$300 per acre or more, while the average value of the reclaimed land below Sacramento is about \$200 per acre."

Thus it will be seen that in this area at least these districts had grown and prospered, had expended large sums upon reclamation works and had built up land values from the original \$1 to \$200 and \$300 per acre. Whereas the machinery for the issuance of reclamation district bonds had been set up in the statutes for many years, this development had progressed without the sale of these securities to the public. Construction costs had been financed by direct assessment or private capital and projects generally were not dependent for success upon colonization.

#### Districts formed 1911-1930.

During the early years of this period many districts were organized which were composed of comparatively large areas of theretofore overflowed lands, requiring costly works of reclamation, with development dependent upon colonization.

Bonds were issued in some instances with rather indifferent success. Then came the war period with the demand for increased production and general agricultural optimism. Bonds became a popular form of investment and reclamation issues found a ready market in common with all tax exempt securities. Under these abnormal conditions many heretofore privately financed reclamation projects, organized under the existing statutes, voted and issued bonds, and reimbursed the private owners at excessive prices for the construction of works that had in many instances been built years before.

#### Inoperative districts.

This term, possibly a misnomer, is used to classify all districts which for any reason whatsoever are no longer active.

Hundreds of districts organized accomplished little or nothing and as no debts had been contracted were abandoned without the formality of legal dissolution.

Many blanket dissolutions were effected under the provisions of section 3489 of the Political Code where older districts were included within the boundaries of new districts.

Bay Farm Island District No. 2052 apparently is the only district dissolved upon its own initiative.

The records do not indicate repudiation or compromise to any extent of the obligations of the inoperative districts. Warrants in small amounts were allowed to outlaw and some few settlements are known to have been made at less than par. The amounts involved, however, are negligible.

#### Active districts, January 2, 1931.

Reclamation districts regularly formed and numbered in accordance with the provisions of the Political Code are listed as active if the district organization is potentially able to function, even though no works have been constructed or liens imposed.

Numerous instances exist of smaller districts lying entirely within the reclamation works of larger districts and yet maintaining their individual district identity. Such districts are not subject to the liens of the larger district, yet may, if they see fit, impose liens upon their

own lands at any time. Thus it seems proper to include all such districts in the active list.

A number of districts, regularly formed and numbered, manage their affairs without a board of trustees or the establishment of by-laws, and as the district owners have all the rights, immunities and privileges granted to boards of trustees, these districts have been retained on the active list.

Number of active districts.....	182
Number of active districts voting bonds.....	60*
Number of active districts which have retired all outstanding bonds .....	3
No. 10.....	\$100,000
No. 761.....	118,648
No. 1663.....	32,000
Total.....	\$250,648

Number of active districts which after reorganization have canceled outstanding bonds..... 7

No. 2030—McDonald	\$580,000	Exchanged for bonds in operating companies
No. 2032—Morrow	60,000	Operated by committee
No. 2036—Palm	235,440	See Rindge Plan
No. 2037—Rindge	625,360	See Rindge Plan
No. 2038—L. Jones	478,290	See Rindge Plan
No. 2039—U. Jones	472,410	See Rindge Plan
No. 2040—Victoria	600,000	See Borden Plan
Total.....	\$3,051,500	

Number of active districts voting refunding issues.....	3
No. 1000—Natomas.....	\$2,697,344
Two issues exchanged and to be exchanged at par for maturities of first and second original issues	
No. 1001—Natomas.....	443,000
Exchanged and to be exchanged at par for maturities of first issue as due	
No. 1500—Sutter Basin.....	4,778,987
Retiring same amount of original issue	
Total.....	\$7,919,331

Number of active districts in default either in principal or interest payments or both as of January 2, 1931..... 18

District	Authorized	Unissued	Retired	Outstanding	In default	
					Principal	Interest
756-Bouldin.....	\$562,250			\$562,250	\$162,000	\$101,205
784-Plumas Lake.....	897,427	\$63,427		834,000	90,000	50,040
1605-S-Burrell.....	210,000		\$118,000	92,000	42,000	14,880
1606-James.....	600,000	32,000	125,000	443,000	118,000	120,420
1618-El Rico.....	837,185	125,185	330,000	382,000	50,000	11,460
2023-Venice.....	455,000			455,000	102,000	93,450
2024-Orwood.....	325,000			325,000	93,000	68,250
2025-Holland.....	430,000		5,000	425,000	126,000	89,250
2026-Webb.....	535,000			535,000	151,000	112,350
2027-Mandeville.....	535,000			535,000	151,000	112,350
2028-Bacon.....	560,000			560,000	160,000	117,600
2029-Empire.....	375,000			375,000	111,000	78,750
2031-Elliott.....	250,000			250,000		15,000
2041-Medford.....	120,000			120,000	30,000	25,200
2 42-Bishop.....	150,000	25,000		125,000	33,000	26,250
2044-King.....	325,000	50,000		275,000	35,000	57,750
2061-Tubbs.....	213,791	40,000		203,791	23,791	30,567
2064-River Junction.....	472,000			472,000	11,000	28,320
Totals ..	\$7,882,653	\$335,612	\$578,000	\$6,969,011	\$1,488,791	\$1,153,092

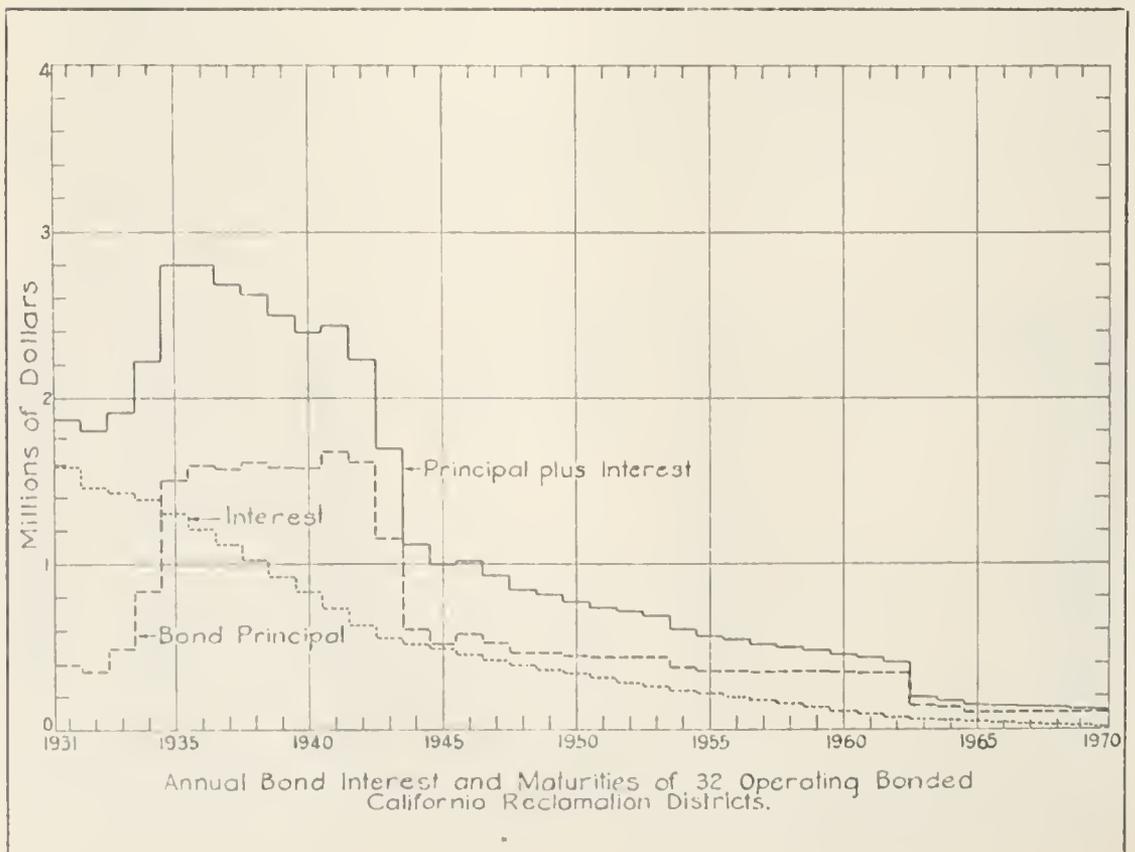
\* Bond statistics have been obtained from the records of the various county treasurers and checked as far as possible from other sources. The data presented is believed to be substantially correct.

Number of active districts with outstanding bonds not in default in either principal or interest as of January 2, 1931..... 32

District number	Authorized	Unissued	Retired	Outstanding
108	\$3,142,000			\$3,142,000
407	219,655	\$99,015	\$43,000	77,640
551	980,000	7,630	240,000	732,370
749	400,000		25,000	375,000
770	123,156			123,156
785	131,485			131,485
811	36,403	1,403	16,000	19,000
825	500,000	60,000		440,000
833	1,246,315	60,315	310,000	\$76,000
900	1,500,000		817,000	683,000
1000	2,997,344		300,000	2,697,344
1001	957,695		121,000	836,695
1004	550,000		80,000	470,000
1500	4,952,957		67,000	4,885,957
1600	575,000		9,000	465,000
1604	121,200		119,000	69,200
1660	997,705		52,000	947,705
1665	190,000		36,000	154,000
2020	55,950		12,000	43,950
2035	2,264,740	264,740		2,000,000
2047	2,670,683	50,683		2,620,000
2049	17,550		16,000	1,550
2054	321,090		33	321,057
2056	207,285		77,285	130,000
2058	437,662		12,000	425,662
2060	500,000		60,000	440,000
2062	400,000		10,000	390,000
2068	550,000			550,000
2069	31,000		4,000	27,000
2070	73,500			73,500
2071	109,753		5,000	104,753
2075	318,000			318,000
Totals	\$27,578,155	\$543,786	\$2,422,318	\$24,612,054

1 Not including refunding issues.  
 2 Original issue.  
 3 Refunding issue.

PLATE XI



Annual Bond Interest and Maturities of 32 Operating Bonded California Reclamation Districts.

*Summary of Bond Statistics of Active Districts—January 2, 1931*

Total bonds voted, including refunding issues.....	\$46,682,290 00
Total refunding bonds voted.....	7,919,331 00
Total bonds voted (not sold or issued).....	879,398 00
Total bonds retired.....	3,250,966 00
Total bonds canceled after sale.....	3,051,500 00
Total bonds outstanding.....	31,581,095 00
Total outstanding bonds in default.....	*6,977,541 00
Total principal in default.....	1,488,791 00
Total interest in default.....	1,153,092 00

\*Includes \$8,500 in bonds of R. D. 2036.

An analysis of the causes leading to the default of twenty-five California reclamation districts shows that seventeen of them were located in the delta region of the Sacramento and San Joaquin rivers and were directly assisted to such default through the adverse operation of the "anti-alien" law. Aside from the general agricultural depression and the passage of the "anti-alien" law, these defaults may be traced to one or more of the following causes:

- (1) Over capitalization.
- (2) An unreasonable amortization program.
- (3) Failure of irrigation supply.
- (4) Engineering difficulties.
- (5) Poor management.
- (6) Overlapping liens.
- (7) Default of owners of large holdings.
- (8) Unfortunate crop specialization.

Nineteen of these districts were aided to default through over-capitalization (proceeds of bond issues used for reimbursement of owners for previously constructed works at peak prices); eighteen through a poorly conceived amortization plan; two suffered through failure of the irrigation water supply; three through a poorly conceived plan of reclamation and drainage; two undoubtedly suffered through poor management; two were aided to default through the complication of overlapping liens; three through delinquencies of owners of large tracts and nineteen through the failure of price upon crop specialties.

In general plans of reorganization of reclamation districts in default have provided for an exchange of reclamation district bonds for mortgage bonds of operating companies or for stock in new corporations. Reorganization plans have been adopted in all but five of the defaulting districts and preliminaries are under way in these situations. Summaries of four of the more important plans of reorganization follow:

**Borden plan.**

District No. 2040, containing 7300 acres of "delta lands" owned in fee by I. L. Borden, had outstanding district bonds aggregating \$600,000. The first principal payment, amounting to \$60,000, plus \$18,000, a total of \$78,000, was due July 1, 1929. Some time prior to this date it was evident that under existing conditions payment could not be met.

The plan of reorganization provides for the organization of the I. L. Borden Company with a capitalization of \$1,300,000—\$600,000 in first mortgage bonds and \$700,000 in \$100 par value common stock.

All common stock to be issued to Borden personally.

First mortgage bonds to be given in exchange, par for par, for district bonds.

First mortgage bonds, secured by all real estate and farm equipment owned by Borden within the district.

An obligatory sinking fund is set up providing that not more than \$360,000 par value of bonds will be outstanding at maturity.

No dividends will be paid until an operation fund of \$100,000 has been provided; thereafter stock dividends may be paid not to exceed \$30,000 annually and balance shall revert to sinking fund. Net proceeds from land sales to revert to sinking fund.

District organization is kept intact.

Salient features:

1. Adjustment based upon operator's "ability to pay."
2. Surplus earnings and proceeds from land sales revert to sinking fund.
3. Simplicity of procedure in case of foreclosure.

This reorganization was completed prior to July 1, 1929.

#### Rindge plan.

Districts Nos. 2036, 2037, 2038 and 2039, containing 21,300 acres of "delta lands" owned in fee by Rindge Land and Navigation Company, had outstanding district bonds aggregating \$1,820,000. The first principal payment, amounting to \$183,060, plus \$100,080 interest, a total of \$283,140, was due July 1, 1929. Some time prior to this date it was realized that under existing conditions this payment could not be met.

The plan of reorganization provided for the exchange of district bonds for new closed first mortgage 6 per cent bonds, par for par, of the Rindge Land and Navigation Company maturing January 1, 1949.

First mortgage bonds are secured by a first mortgage on all real estate of company within the districts, together with certain farming equipment.

An obligatory sinking fund is set up to provide that not more than \$1,370,000 par value of bonds will be outstanding at maturity.

No dividends will be paid until an operation fund of \$100,000 is acquired and all earnings in excess of this amount revert to sinking fund.

Net proceeds of land sales revert to sinking fund.

Reclamation district organizations are kept intact and each district is under the control of its respective board of trustees.

Salient features:

1. Adjustment of payments to meet operator's "ability to pay."
2. Surplus earnings applied to reduction of debt.
3. Better security in event of foreclosure.

This reorganization was completed prior to July 1, 1929.

#### Empire plan.

Districts Nos. 756 and 2027, containing 11,500 acres of "delta" lands, owned in fee by the Empire Navigation Company controlled by the late George Shima, have outstanding \$1,097,250 in district bonds. Principal and interest payments due as of January 2, 1931, amount to \$526,555, the districts having defaulted in principal and interest payments July 1, 1928 (as of February 17, 1930, there was approximately \$1,304,000 in warrants and interest due).

The plan of reorganization proposes the organization of a company and the issuance of 150,000 shares of preferred and 150,000 shares of common stock, of no par value.

Preferred stock to be entitled to 6 per cent interest, preferred as to assets upon liquidation, sole voting rights if dividends are in arrears or in case of default, and other preferences as to policies.

After preferred stock dividends are paid there is to be set up a \$50,000 operation fund to be kept intact, a year's advance reserve for preferred stock dividends and a reserve for principal and interest on the funded debt described later.

A sinking fund is proposed for retirement of preferred stock out of annual earnings and 75 per cent of returns from land sales (25 per cent to funded debt).

Company proposes to place a mortgage or trust deed of \$650,000 on lands in Districts Nos. 756 and 2027, the Shima Tract (2300 acres of delta land fully

reclaimed but not an organized district) and the personal property of the Empire Navigation Company.

Based upon the foregoing the plan further proposes that there will be given to the holders of reclamation district bonds the sum of \$250 in cash and 50 shares of preferred stock of the new company in exchange for each \$1,000 District Bond, a total of 54,862.5 shares; to the principal creditors of Empire Navigation Company whose claims aggregate approximately \$1,500,000, there will be given the remaining 95,137.5 shares of the preferred stock and 64,885 shares of the common stock; to the estate or heirs of George Shima there will be given common stock. All the common stock, which carries the sole voting privilege, except in case of a default, will be held in a voting trust for the protection of the preferred stockholders.

The sum of \$650,000 will be required to extricate the properties from the general taxes now delinquent, remove the lien on Shima Tract, provide for the cash disbursement to the bondholders and for other corporate needs. This it is proposed to provide through a loan of approximately \$50 per acre on the lands of Districts Nos. 756 and 2027 and Shima Tract. Under the operation of the present plan this will be the only lien on the property (except current taxes).

As of January 2, 1931, this plan had not been consummated, but holders of in excess of 90 per cent of the outstanding bonds had agreed thereto.

#### Delta plan.

Districts Nos. 2024, 2025, 2026, 2028 and 2041, containing 20,450 acres of delta lands and owned by California Delta Farms, Inc., have outstanding \$2,340,000 in district bonds. Principal and interest payments due as of January 2, 1931, amount to \$1,162,400, the districts having defaulted in interest payments July 1, 1928.

This plan originally included Reclamation District No. 2030 and prior to its withdrawal the reorganization plan contemplated the exchange of the reclamation district bonds for preferred and common stock of a new company to be organized.

Proposed the issuance of 25,795 shares of preferred stock under the following conditions:

(1) Preferred as to assets and dividends upon voluntary or involuntary liquidation.

(2) No mortgages or trust deeds or prior preferred stock to be created without the consent of holders of 75 per cent of preferred stock, except purchase money mortgages and/or trust deeds on property acquired in the ordinary course of business.

(3) Nonassessable.

(4) If dividends on preferred stock are in arrears for one year, or if there is a default in respect of the sinking fund for the retirement of the preferred stock, or if there is a default in respect of the obligations of the company as to reclamation district bonds, warrants or assessments provided in its articles of incorporation, then the preferred stockholders shall be entitled to exclusive voting power until such dividends are paid, and/or such default is cured.

(5) Retirable from a sinking fund to be created into which shall be paid:

(a) All net annual earnings from every source (excluding profits or losses upon the sale of land) after (1) deducting dividends paid in such year upon the preferred stock exclusive of such dividends paid from the reserve for such dividends, (2) maintaining a reserve equal to two hundred thousand dollars (\$200,000) as working capital to be used for any corporate purpose other than the payment of dividends, (3) providing a reserve for one year's cumulative dividends on the preferred stock and (4) paying not to exceed in any calendar year three hundred sixty thousand dollars (\$360,000) dividends on the common stock;

(b) Seventy-five per cent of the gross proceeds of each sale of land;

(c) All principal collections on all contracts, notes, trust deeds and/or mortgages which the board of directors of the company by resolution shall designate as subject to such sinking fund provision.

Proposed the issuance of 70,350 shares of no par common stock.

The basis of exchange proposed \$1,000 par value preferred stock and three shares of common stock for each \$1,000 reclamation bond.

Sixty-three thousand three hundred fifteen shares of the common stock to be issued to California Delta Farms for (a) the execution and delivery of a quitclaim deed from California Delta Farms, Inc., to the company of all its lands or interest in lands within Reclamation Districts Nos. 2024, 2025, 2026, 2028, 2029 and

2041, (b) the payment of all delinquent taxes and assessments, except reclamation district assessments, upon the lands in said districts formerly owned by California Delta Farms, Inc., and not conveyed by it, and (c) cash in the amount of not less than two hundred thousand dollars (\$200,000).

The company proposed to use the deposited bonds and coupons acquired by it in exchange for shares of its preferred and common stock as aforesaid, to obtain deeds from the county treasurers of San Joaquin and Contra Costa counties, respectively, to the company, covering the lands in said reclamation districts formerly owned by California Delta Farms, Inc., and not conveyed by it; and may also use such deposited bonds and coupons to obtain deeds from said respective county treasurers to other former landowners or their successors covering other lands in said reclamation districts; provided such other former landowners or their successors shall execute and deliver to the company their notes secured by mortgages or trust deeds covering their interest in such respective lands or otherwise secured to the satisfaction of the agents and the company, each of such notes to be in a sum at least equal to the principal amount of the respective reclamation district assessments outstanding upon such respective lands; and provided further, that the board of directors of the company by resolution shall designate such notes and mortgages or trust deeds, or a portion thereof to be approved by the agents, as subject to the sinking fund provision contained in the articles of incorporation of the company. The deeds mentioned in this paragraph may be executed and received without the payment of any or all of the statutory penalties then accumulated.

Of the districts not actually in default some are facing the necessity of refunding due to the imminence of early maturity payments.

The following descriptive summaries of active California reclamation districts have been prepared to show the detail of the general statements preceding.

The warrant obligations as noted in these summaries may have changed somewhat as of the present date, but is indicative of the situation at some time during the period July 1, 1930, to December 31, 1930.

The statute providing for the issuance of warrants is not clear as to the precise status of the warrant, though it is apparent that they are or may be made a lien on the properties of the district and to all intents and purposes are coequal with the bonds. When issued in excessive amounts, they seriously "dilute" the security of the bond. In case of foreclosure by the bondholders, the outstanding warrants, if supported by assessment, remain as a lien against the property, which in effect places the warrant in a prior position to the bond.

In order to determine the total obligation in overlapping situations, direct reference to the individual summaries of the districts involved should be made.

#### RECLAMATION DISTRICT No. 1 (AMERICAN RIVER)

**Formation:** Created by special act of the State Legislature, approved and in effect April 28, 1909 (Stats. 1909, p. 1127). The boundaries are described in this act and the management and control of the district made subject to provisions of the Political Code of the State.

**Location:** At the junction of the Sacramento and American rivers in Sacramento County and occupying the most northerly portion of the new Helvetia Grant; bounded by said rivers on the north and west, by the Northern Electric Company's railroad embankment on the east and by B street of the city of Sacramento on the south.

**Area:** Gross, 677 acres. Net, 650 acres.

**Financial: Bonds—None.**

**Warrants—\$53.**

**Overlaps:** Sacramento and San Joaquin Drainage District and American River Flood Control District.

**Remarks:** There is a credit balance of \$26 in the warrant fund. This area, formerly in garden truck, is rapidly becoming urban in character.

### RECLAMATION DISTRICT No. 3 (GRAND ISLAND)

**Formation:** Organized by the first State Board of Swamp Land Commissioners in 1861 under the provisions of the act creating said Commission. This district has continued to function to date and includes 366, 370, 371, 438, 439, 440, 441 and 431.

**Location:** Occupies the whole of Grand Island in Sacramento County in townships 4 and 5 north, ranges 3 and 4 east, M. D. B. and M., and is bounded by the Sacramento River on the east and by Steamboat Slough on the west.

**Area:** Gross, 17,100 acres. Net, 16,245 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** This district has been active for 69 years and has paid all construction and maintenance costs by direct assessment. The district has a credit balance of \$244 as of this date.

The entire area of Grand Island is under intensive cultivation, marked with substantial homes and well developed orchards. The main soil body is composed of Sacramento clay loams, with a fringe of the Columbia series adjacent to the Sacramento River and a body of peat in the Steamboat Slough area. Bartlett pears and alfalfa are the chief crops.

### RECLAMATION DISTRICT No. 10

**Formation:** Created by a special act of the State Legislature approved May 26, 1913, and in effect August 10, 1913 (Statutes 1913:337). This act prescribes the district boundaries. The management and control of District No. 10 was made subject to the provisions of the Political Code of the State and Protection District No. 10 of Yuba County was dissolved.

**Location:** In Yuba County in townships 15, 16 and 17 north, ranges 3 and 4 east, M. D. B. and M. The district is approximately 10 miles long by an average of 2 miles wide; is bounded on the north by Honcut Creek levee, on the west by Feather River levee, on the south by the Southern Pacific Railroad embankment and Nigger Jack Slough, and on the east by the embankment of the Western Pacific Railroad.

**Area:** Gross, 11,300 acres. Net, 10,922 acres.

**Financial:** *Bonds*—Original issue \$100,000.

First maturity paid January 1, 1919, \$10,000.

\$10,000 of final maturity paid January 1, 1927.

All bonds have been retired with the exception of \$4,000, principal amount of which is in possession of County Treasurer awaiting presentation. All interest coupons thereon have been paid.

*Warrants*—\$8,000.

**Overlaps:** Sacramento and San Joaquin Drainage District.

**Remarks:** The district has a credit balance of \$381 as of this date. Original District No. 10 having been inoperative, the Legislature assigned this number anew as the area had been locally known thereby, the lands having been formerly included within Yuba County Protection District No. 10. District is leveed along the Feather River and Honcut Creek and is protected on the east by the embankment of the Western Pacific Railroad.

Soils adjacent to the river, the railroad embankment and the area to the south are of the Columbia series. The central area is somewhat higher and the soils are classified as Madera and Gridley loams.

## RECLAMATION DISTRICT No. 17

**Formation:** Organized by the Board of Swamp Land Commissioners in 1863 under the act of 1861 (Stats. 1861, p. 361). The amendment of April 11, 1862 (Stats. 1862, p. 197), provided for levying of assessments by the County Board of Supervisors, and the Board of Supervisors of San Joaquin County by a special act of the Legislature approved March 31, 1866 (Stats. 1865-6, p. 530), was authorized to levy a special tax of \$1 per acre within the limits of Swamp Land District No. 17. Additional powers were conferred upon the board of trustees of District No. 17 by an act approved April 3, 1876 (Stats. 1875-6, p. 781).

**Location:** In San Joaquin County, on the east side of San Joaquin River, in township 1 north and townships 1 and 2 south, range 6 east, M. D. B. and M.

**Area:** Gross, 12,000 acres. Net, 11,400 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** The district operates upon a cash basis and has a small credit balance on hand. This is the second district organized which has maintained its identity to date.

The lands are protected from overflow by the higher lands on the east and the levee constructed along the San Joaquin River. Irrigation water is obtained from the San Joaquin River.

The soils are mainly alluvial, similar to the Hanford loams. The chief crops are beans, corn and alfalfa.

## RECLAMATION DISTRICT No. 70 (MERIDIAN FARMS)

**Formation:** Formed December 15, 1868, under act of March 28, 1868. Created by special act of the State Legislature, approved March 21, 1905 (Ch. DLII, Stats. 1905:717), in which act the boundaries are described and the management and control are made subject to the provisions of the Political Code. Includes 763.

**Location:** In Sutter County, southwest of Sutter Buttes and four miles southeast of Colusa; lying between Butte Slough and the Sacramento River and bounded on the east and south by Reclamation District No. 1660.

**Area:** Gross, 22,090 acres. Net, 21,000 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$229,358.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 6).

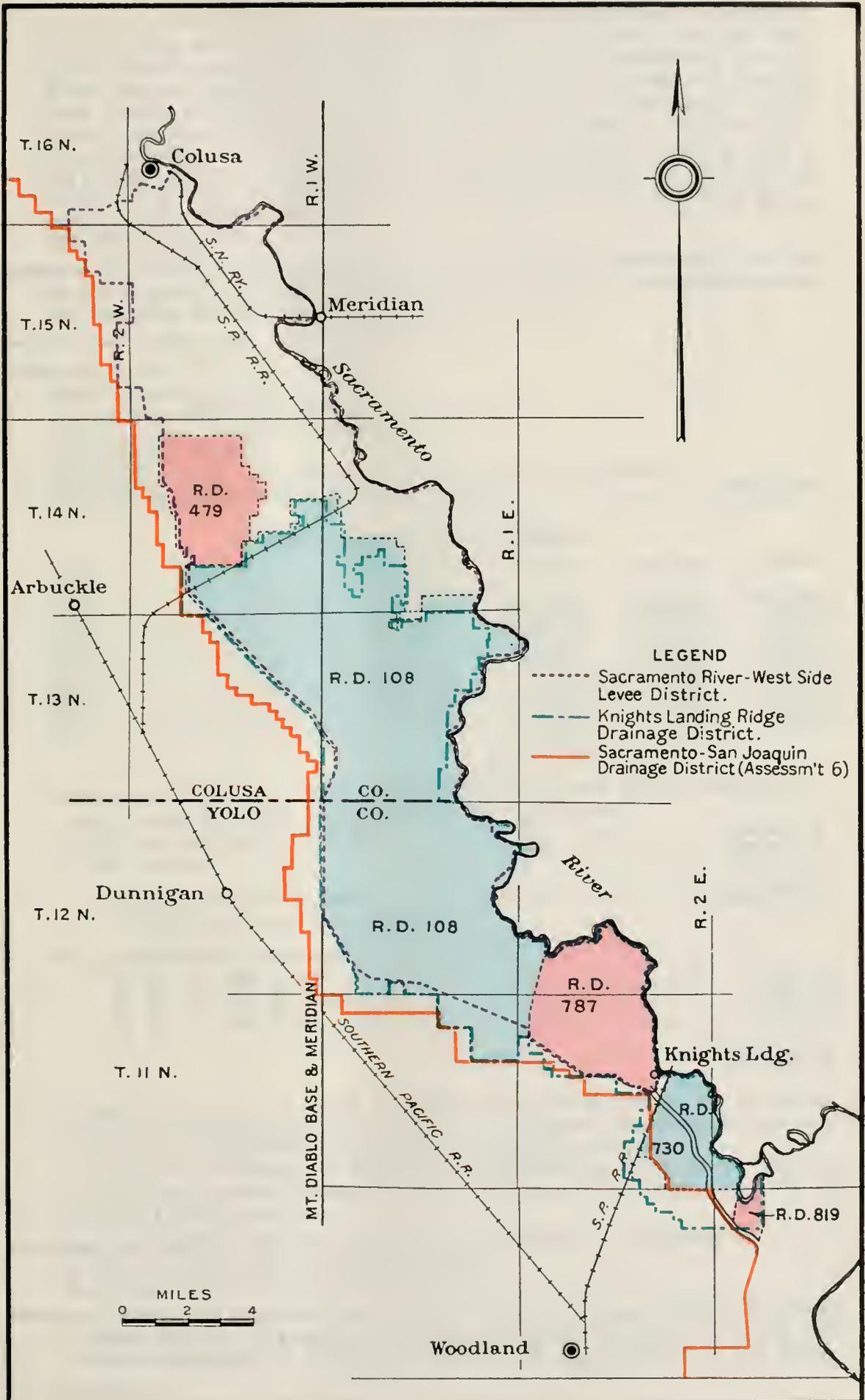
**Remarks:** The district owns \$228,116 face value of warrants of Project No. 6 of the Sacramento and San Joaquin Drainage District, plus accrued interest at 7% from June 1, 1925. There is a credit balance of \$2,401 in the district fund for payment of warrants.

District is protected from overflow by massive levees constructed generally well above the recommended flood plane grade. Internal drainage is provided for by a system of canals leading to a pumping plant where waters are expelled from the district. Irrigation water is pumped from the Sacramento River over or through the levees.

The original large holding has been subdivided. Alfalfa and small orchards predominate. The soils of the entire district are of the silt and fine sandy loam of the Columbia series.

## RECLAMATION DISTRICT No. 108 (RIVER FARMS)

**Formation:** Formed under the general reclamation district law of 1868, the petition and order for the formation of the original District No. 108 being filed with the Register of the State Land Office on October 4, 1870, and covering 71,245.87 acres in Yolo and Colusa counties. A special act of the State Legislature legalizing the consolidation and reorganization of Reclamation



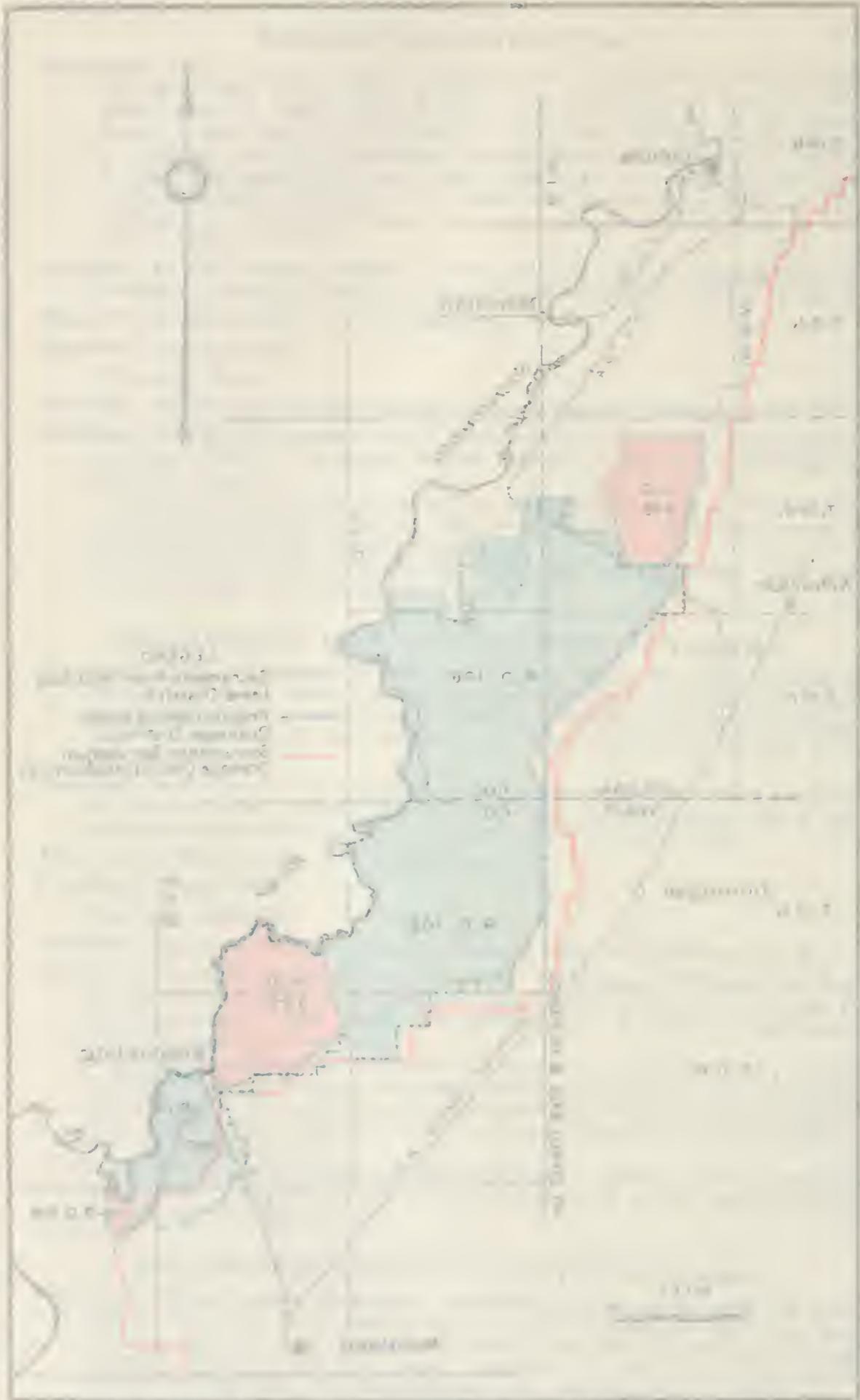


FIGURE 11. DISTRIBUTION OF THE CATTLE AND HORSE INDUSTRIES IN THE UNITED STATES.

District No. 729 with Reclamation District No. 108, establishing the boundaries and providing for its management and control, was approved April 23, 1913, and in effect August 10, 1913 (Stats. 1913:62). The consolidation was confirmed and the boundaries more clearly defined by an act approved May 18, 1915 (Stats. 1915:559). Chapter 182, Stats. 1915:358, requires all district funds to be deposited with the Treasurer of Colusa County. The boundaries were redefined and the above acts validated by two subsequent acts, i.e., Stats. 1917:1219, approved May 26, 1917, and Stats. 1919:357, approved May 8, 1919, and in effect July 22, 1919, so the effective date of formation of the present district is July 22, 1919. Includes Reclamation Districts Nos. 92, 94, 467, 729-B and 108.

**Location:** In Colusa and Yolo counties, covering portions of townships 11, 12 and 13 north, range 1 east and range 1 west, M. D. B. and M., and extending along and adjoining the west bank of the Sacramento River.

**Area:** Gross, 57,994 acres. Net, 54,000 acres.

**Financial:** Bonds—R. D. No. 108, 6%.

Dated January 1, 1925.

Due serially, 1935-1943, January 1 each year.

Callable on any interest date at 102.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of Colusa County, Colusa.

Outstanding and authorized, January 2, 1931----- \$3,142,000

MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1934-----	\$3,142,000			
1935-----	2,792,000	\$350,000	\$167,520	\$517,520
1936-----	2,442,000	350,000	146,520	496,520
1937-----	2,092,000	350,000	125,520	475,520
1938-----	1,742,000	350,000	104,520	454,520
1939-----	1,392,000	350,000	83,520	433,520
1940-----	1,042,000	350,000	62,520	412,520
1941-----	692,000	350,000	41,520	391,520
1942-----	342,000	350,000	20,520	370,520
1943-----		342,000		342,000
		\$3,142,000		

**Warrants**—District No. 108 has two series of warrants locally designated by the County Treasurer as "pink" and "blue" warrants.

"Blue" warrants issued 1921-1927----- \$49,435 08

"Pink" warrants ----- 295,411 87

Total as of April 3, 1931----- \$344,846 95

(Plus interest from date of warrant.)

The credit balance in the district fund follows:

R. D. No. 108 Fund ----- \$107 73

R. D. No. 108 Assessment No. 4 ----- 1,772 87

R. D. No. 108 Assessment No. 5 ----- 2,571 02

\$4,451 62

The district has a separate irrigation fund derived from a tax or assessment on the landowners which is paid to the County Treasurer in cash and checked out in payment of accounts for irrigation expenses.

A tentative assessment in the amount of \$626,000 to retire the outstanding warrants and accrued interest and for maintenance and operation may be levied and called next year.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 6).

Knights Landing Ridge Drainage District.

Sacramento River West Side Levee District.

**Remarks:** District is protected from overflow by levees of ample height and section.

Internal drainage is provided for by a well conceived system of canals and laterals terminating at a pumping plant at El Dorado Bend on the Sacra-

mento River. Irrigation from the Sacramento River is furnished from a plant near Wilkins Slough consisting of five 48-inch screw pumps.

Grain, beans and rice are the principal crops of the western and central areas, with alfalfa and orchards predominating along the river. Sacramento clay soils form the main body, with the lighter soils of the Columbia series existing along the river.

#### RECLAMATION DISTRICT No. 136 (UPPER TYLER ISLAND)

**Formation:** The petition for formation of the district was filed with and numbered by the Register of the State Land Office on January 5, 1872.

**Location:** In Sacramento County in township 4 north, range 4 east, M. D. B. and M. Bounded on the west and north by Georgiana Slough, on the east by Reclamation District No. 364 and on the south by Reclamation District No. 807.

**Area:** Gross, 439.36 acres. Net, 417 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** One of five districts on Tyler Island with independent works of reclamation. The soils of the upper portion of the island are classified as Sacramento clay loams, whereas the main body is of muck and peat. Bartlett pears, alfalfa, beans and grain are the main crops.

#### RECLAMATION DISTRICT No. 150 (MERRITT ISLAND)

**Formation:** Formed under the act of March 28, 1868, the certified copy of the petition and order of formation being filed in the office of the Register of the State Land Office on November 10, 1870. Swamp Land District No. 150 was reorganized in accordance with the provisions of a special act of the State Legislature approved March 30, 1874 (Stats. 1873-4, p. 867).

**Location:** Swamp Land District No. 150, consisting of what is known as Merritt Island, in Yolo County, lies between the Sacramento River and Elkhorn Slough in township 6 north, range 4 east, M. D. B. and M.

**Area:** Gross, 4986.55 acres. Net, 4925 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$633.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** Operates upon a cash basis. One of the oldest districts in the State, having been completely reclaimed for many years.

The soils of the entire island are classified as Sacramento clay loams. The entire district is under intensive cultivation. Well developed orchards in Bartlett pears predominate, with minor areas in alfalfa and forage crops.

#### RECLAMATION DISTRICT No. 274 (SHERMAN ISLAND)

**Formation:** Formed under the act of March 28, 1868, the certified copy of the petition and order of formation being filed in the office of the Register of the State Land Office on April 1, 1876.

**Location:** In Sacramento County and consisting of that portion of Sherman Island bounded by the San Joaquin River and Mayberry Slough which is not included in Reclamation Districts Nos. 50 and 341. The district occupies portions of Sections 8 and 9 in township 2 north, range 2 east, M. D. B. and M.

**Area:** Gross, 230 acres. Net, 218 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** Privately operated upon a cash basis.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found, but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

### RECLAMATION DISTRICT No. 307 (LISBON ISLAND)

**Formation:** Formed under the general reclamation district laws. Petition and order of formation filed September 18, 1876. By a special act of the State Legislature approved March 14, 1878, certain proceedings relating to Swamp Land District No. 307 were legalized (Stats. 1877-8, p. 250).  
Includes 147.

**Location:** In Yolo County and bounded by the Sacramento River and Babel Slough, and being a portion of township 7 north, range 4 east, M. D. B. and M.

**Area:** Gross, 5941 acres. Net, 5644 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$35,307.15.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** It is proposed to retire the warrant debt by direct assessment.

District is protected from overflow by levees of ample height and section. Internal drainage is provided for by a system of main canals and laterals leading to a sump and pumping plant where the waters are expelled from the district. Irrigation water is taken from the Sacramento River by means of pumping plants. The soils are classified as Sacramento clay loams along the river with Sacramento clays forming the main body.

Chief crops are grain, alfalfa and beans.

### RECLAMATION DISTRICT No. 317 (ANDRUS ISLAND)

**Formation:** Created and organized by a special act of the State Legislature approved March 27, 1878 (Stats. 1877-8, p. 562). Includes part of 148.

**Location:** In Sacramento County and including that part of Andrus Island bounded on the north by Reclamation District No. 407 (formerly No. 215), on the east by the center of Mokelumne River and Georgiana Slough, on the south by the San Joaquin River, and on the west by the center of Jackson Slough and the center of Seven-Mile Slough, in townships 3 and 4 north, ranges 3 and 4 east, M. D. B. and M. In the act noted above, the boundaries of the district are described and its control made subject to the Political Code.

**Area:** Gross, 3448 acres. Net, 3276 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$96.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** The district operates upon a cash basis, but the warrant fund has been overdrawn in the amount of \$319 which will be cared for by the next receipts or assessments.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found, but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 341 (SHERMAN ISLAND)

**Formation:** The petition and order for the formation was filed and numbered on June 17, 1879. Reorganization of 54 and 252.

**Location:** The eastern portion of Sherman Island in Sacramento County lying in townships 2 and 3 north, ranges 2 and 3 east, M. D. B. and M.

**Area:** Gross, 10,305 acres. Net, 9937 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$32,568.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** Credit balance in district fund is \$1,575.27.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found, but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 348

**Formation:** Formed November 11, 1879, under the general reclamation district laws, the petition and order being filed and numbered December 2, 1879. Legalized, Statutes, 1911: 257. Includes parts of 337 and Swamp Land District No. 5.

**Location:** In San Joaquin County, on south bank of the Mokelumne River, and being portion of townships 4 and 5 north, range 4 and 5 east, M. D. B. and M.

**Area:** Gross, 10,000 acres. Net, 9293.39 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$5,976.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** District is protected from overflow on the north and west by a levee constructed along the Mokelumne River, on the east by embankment of the Western Pacific Railroad and on the south by a joint levee with Canal Ranch. The soils are about evenly divided between the Columbia silt loams on the north and Sacramento clays on the south.

#### RECLAMATION DISTRICT No. 349 (SUTTER ISLAND)

**Formation:** Petition and order for formation filed and numbered on February 3, 1880.

**Location:** In Sacramento County. Sutter Island is bounded on the east by the Sacramento River and Steamboat Slough, and on the west by Sutter Slough; includes portions of townships 5 and 6 north, ranges 3 and 4 east, M. D. B. and M.

**Area:** Gross, 2550.57 acres. Net, 2378.57 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$161.70.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** Credit balance in district fund is \$1,811.21.

This district is completely reclaimed by a levee system extending along the frontage of the Sacramento River and along Sutter and Steamboat Sloughs. District is adequately drained and irrigated. The soils of the entire area are classified as Sacramento clay loams. There is a substantial development in Bartlett pears and alfalfa.

#### RECLAMATION DISTRICT No. 364 (UPPER TYLER ISLAND)

**Formation:** Petition for formation filed and numbered August 6, 1880. Includes 175.

**Location:** In Sacramento County, being a portion of Upper Tyler Island in township 4 north, range 4 east, M. D. B. and M.

**Area:** Gross, 730.77 acres. Net, 694 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** No district fund is kept by the county treasurer. District operated privately.

One of five districts on Tyler Island with independent works of reclamation. The soils of the upper portion of the island are classified as Sacramento clay loams, whereas the main body is of muck and peat. Bartlett pears, alfalfa, beans and grain are the main crops.

#### RECLAMATION DISTRICT No. 369 (LIBBY McNEIL)

**Formation:** Petition and order for formation filed and numbered on September 21, 1880.

**Location:** In Sacramento County; being a portion of township 5 north, range 4 east, M. D. B. and M. Bounded on the north by Reclamation District No. 551; on the east by Snodgrass Slough; on the south by Reclamation District No. 554 and on the west by the Sacramento River.

**Area:** Gross, 554.48 acres. Net, 490 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** The district is privately operated and no fund is kept by the county treasurer.

District is adequately leveed and drained. The main soil body is composed of Sacramento clay loams.

#### RECLAMATION DISTRICT No. 403 (ROUGH AND READY ISLAND)

**Formation:** Formed September 6, 1881, under the general reclamation district laws, the petition and order being filed and numbered on October 7, 1881. Reorganized. Includes 163.

**Location:** In San Joaquin County and being a portion of township 1 north, ranges 5 and 6 east, M. D. B. and M. Bounded by the San Joaquin River and Burns Cutoff.

**Area:** Gross, 1576 acres. Net, 1498 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$37,078.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** The warrants constitute a debt of approximately \$25 per acre. The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross-section constructed to a height well above the estimated high water plane and drained internally by a system of

main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils mainly consist of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 404 (BOGGS)

**Formation:** Formed August 9, 1881, under the general reclamation laws. Numbered November 19, 1881. Includes 446.

**Location:** In San Joaquin County and being a portion of township 1 north, range 6 east, M. D. B. and M., bounded on the north by Stockton Channel, east by city of Stockton, south by French Camp Slough and west by the San Joaquin River.

**Area:** Gross, 2046.20 acres. Net, 1944 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** Operated upon a cash basis. Small balance in district fund.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross-section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 407

**Formation:** Formed January 6, 1882, under the general reclamation district laws by reorganization and consolidation of 89 and 215. Filed January 10, 1882. Part of Swamp Land District 8 and Reclamation District 148.

**Location:** In Sacramento County and being the middle portion of Andrus Island, in township 4 north, ranges 3 and 4 east, M. D. B. and M., lying between the Sacramento River and Georgiana Slough.

**Area:** Gross, 1737.28 acres. Net, 1650 acres.

**Financial:** *Bonds*—R. D. No. 107, 6%, first issue.

Dated January 1, 1913.

Due serially, 1916-1937, January 1 each year.

Denominations \$1,000 and one bond of \$640.

Interest, Jan.-July 1, by Treasurer of Sacramento County.

Outstanding, January 2, 1931----- \$24,640 00

Retired ----- 43,000 00

Authorized ----- \$67,640 00

R. D. No. 107, 6%, second issue.

Dated January 1, 1923.

Due serially, 1938-1952, January 1 each year.

Denominations \$1,000, one of \$500 and one of \$515.68.

Interest, Jan.-July 1, by Treasurer of Sacramento County.

Outstanding, January 2, 1931----- \$53,000 00

Unissued ----- 99,015 00

Authorized ----- \$152,015 00

## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930-----	\$81,640			
1931-----	77,640	\$4,000	\$4,658	\$8,658
1932-----	73,640	4,000	4,418	8,418
1933-----	69,640	4,000	4,178	8,178
1934-----	65,640	4,000	3,938	7,938
1935-----	61,640	4,000	3,698	7,698
1936-----	57,640	4,000	3,458	7,458
1937-----	53,000	4,640	3,180	7,820
1938-----	48,000	10,000	2,580	12,580
1939-----	33,000	10,000	1,980	11,980
1940-----	23,000	10,000	1,380	11,380
1941-----	13,000	10,000	780	10,780
1942-----	3,000	10,000	180	10,180
1943-----		3,000		3,000
		\$81,640		

Warrants—\$12,694.81.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** There is a credit balance of \$211.45 in the district fund. This district is protected from overflow by levees of ample section and height. Internal drainage is provided by a system of drains terminating at a pumping plant where excess waters are expelled from the district. Irrigation water is pumped from the Sacramento River.

The main soil body is composed of Sacramento clay loams.

## RECLAMATION DISTRICT No. 479 (MORMON BASIN)

**Formation:** Formed under act of March 12, 1872 (see Chap. CCLXXIX, Stats. 1871-2:383), as amended, the petition and order being filed and numbered July 29, 1885. Includes 67 and 467.

**Location:** In Colusa County and being a portion of township 14 north, range 1 west, M. D. B. and M.

**Area:** Gross, 6505 acres. Net, 6265.25 acres.

**Financial:** Bonds—None.

Warrants—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 6).  
Sacramento River West Side Levee District.

**Remarks:** Operated privately. No river levee has been constructed, but a dike has been built along Sycamore Slough. Grain and rice are the chief crops. The soils of the central area are the Sacramento clays and of the surrounding area the Columbia series.

## RECLAMATION DISTRICT No. 501 (RYER ISLAND)

**Formation:** Formed June 7, 1887, under the general reclamation district laws, the petition and order being filed and numbered on June 16, 1887. Includes 41.

**Location:** In Solano County, and being a portion of townships 4 and 5 north, range 3 east, M. D. B. and M.

**Area:** Gross, 11,978 acres. Net, 10,380 acres.

**Financial:** Bonds—None.

Warrants—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** The district is operated on a cash basis.

District is protected from overflow by levees of ample height and cross-section. Drainage is accomplished by the collection of waters in a system of canals terminating at a pumping plant where they are expelled from the district. Irrigation water is pumped from Steamboat and Miner Sloughs. The main soil body is made up of Sacramento clay loams spotted with muck and peat.

## RECLAMATION DISTRICT No. 524

**Formation:** Formed October 30, 1889, under the general reclamation district laws, the petition and order being filed and numbered on November 11, 1889. Consolidation of 110, 209 and 302. Includes parts of 109 and 223.

**Location:** In San Joaquin County, being portions of township 1 north, ranges 5 and 6 east, and portion of township 1 south, ranges 5 and 6 each, M. D. B. and M., and known as the Middle Division of Roberts Island.

**Area:** Gross, 19,776 acres. Net, 18,788 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** No warrants have been issued since 1925.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross-section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power-driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of syphons installed over the levees.

The soils mainly consist of a mixture of fine sediment and peat. Some indication of ordinary salts is found, but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

## RECLAMATION DISTRICT No. 531 (LOWER KINGS RIVER)

**Formation:** Formed October 11, 1890, under the general reclamation district laws, the petition and order being filed and numbered on November 20, 1890.

**Location:** Originally in Fresno and Tulare counties, now in Kings County on the south bank of Kings River, and being a portion of township 17 south, ranges 20 and 21 east, and a portion of township 18 south, ranges 20 and 21 east, M. D. B. and M.

**Area:** Gross, 9335 acres. Net, 7041.65 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Portions of Lemoore and Lucerne irrigation districts.

**Remarks:** There is a credit balance of \$833.14 in the district fund.

District is protected by dikes of sufficient height to prevent overflow from Kings River. The soils are classed mainly as loams of the Hanford, Merced and Foster series. Grain, field crops, alfalfa and cotton are chiefly grown.

## RECLAMATION DISTRICT No. 532 (LOWER TYLER ISLAND)

**Formation:** Petition for formation filed and numbered on February 11, 1891. Portion of Swamp Land District IV.

**Location:** In Sacramento County, lying at the junction of Georgiana Slough and the Mokelumne River and being portions of townships 3 and 4 north, range 3 east, and portions of townships 3 and 4 north, range 4 east, M. D. B. and M.

**Area:** Gross, 2033 acres. Net, 1933 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** No record of warrants or funds in County Treasurer's office. District operated privately.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross-section constructed to a height well above the estimated high water plane and drained internally by a system

of main canals and collection laterals leading to sumps equipped with power-driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found, but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 535

**Formation:** Formed August 5, 1891; numbered August 8, 1891. Includes part of 287. City of Sacramento excluded, Stats. Ex. Sess. 1911:12.

**Location:** In Sacramento County and being portions of townships 7 and 8 north, ranges 4 and 5 east, M. D. B. and M.

**Area:** Gross, 5000 acres. Net, 4750 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** A credit balance of \$552.18 remains in the district fund.

District is adequately leveed and drained. Irrigation water is pumped from the Sacramento River. The soils are classified as Columbia fine sandy loams and sand, and Sacramento clay loams. This area, formerly devoted almost exclusively to hops, is now planted to garden truck.

#### RECLAMATION DISTRICT No. 536 (EGBERT)

**Formation:** Petition for the formation of the district was recorded September 4, 1891, in liber 2 of Swamp Lands, page 116. Solano County records, the certified copy of said petition being received and filed by the Surveyor General on September 9, 1891. Includes 291, 308 and Swamp Land District VII.

**Location:** In Solano County, on the south bank of Lindsay (Linda) and Cache sloughs, and occupying portions of townships 4 and 5 north, ranges 2 and 3 east, M. D. B. and M.

**Area:** Gross, 8933.48 acres. Net, 8855.72 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** All assessments paid. Operates on cash basis. No balance in district fund.

District is adequately leveed and drained. Irrigation water is received from Lindsay and Cache sloughs.

Some 3000 acres of this district extend into the Yolo By-Pass and eventually rights of way and flowage rights over this portion of district must be obtained by the Sacramento and San Joaquin Drainage District.

Soils are sedimentary clay loams formed from the overflow of the Sacramento River. Lindsay and Cache sloughs and are deep and fertile. Asparagus, celery and beans are grown.

#### RECLAMATION DISTRICT No. 537 (LOVDAL)

**Formation:** Formed under the general reclamation district laws September 10, 1891, the certified copy of the petition and order of formation being filed in the office of the Register of the State Land Office September 28, 1891.

**Location:** In Yolo County, three miles northwest of Sacramento, in township 9 north, range 4 east, M. D. B. and M.

**Area:** Gross, 3033 acres. Net, 2882 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$1,825.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 6).

**Remarks:** Operates on a cash basis. District was divided into two parts by the construction of the Sacramento By-Pass. Adequate levee and drainage systems exist and irrigation water is provided from the Sacramento River through various plants located thereon.

Originally this area was largely given over to the production of hops. The lands are now in peaches, pears, vines and alfalfa. One well established dairy is operated on the river front.

Soils are of the Columbia series, sandy loam type.

#### RECLAMATION DISTRICT No. 544 (UPPER ROBERTS ISLAND)

**Formation:** Date of formation, August 1, 1892; date of filing, August 4, 1892. Includes parts of 109 and 223.

**Location:** In San Joaquin County, at the junction of Middle and San Joaquin rivers, occupying portions of township 1 south, ranges 5 and 6 each, M. D. B. and M.

**Area:** Gross, 7474.72 acres. Net, 7100 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No 2).

**Remarks:** No warrants have been issued since 1918. There is a small credit balance in the district fund. The district is protected by levees along the banks of the San Joaquin and Middle rivers. The main soil body is classified as Sacramento clay loams with a fringe of Hanford sandy loams adjacent to the rivers.

#### RECLAMATION DISTRICT No. 548

**Formation:** Date of formation, November 11, 1892; petition filed and numbered by Register, November 16, 1892. Formation legalized by Stats. 1911:256. Includes 46, 58, 210 and part of 169.

**Location:** In San Joaquin County, being portions of township 3 north, ranges 4 and 5 east, M. D. B. and M., lying south of Sycamore Slough.

**Area:** Gross, 10,608.62 acres. Net, 9974.82 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$41,346.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No 2).

**Remarks:** The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross-section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power-driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found, but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 551 (PEARSON)

**Formation:** Petition for formation of district filed and numbered May 11, 1893. Includes 205, 257, 362, 367, 551.

**Location:** In Sacramento County on the east bank of the Sacramento River, in townships 5 and 6 north, range 4 east, M. D. B. and M. The towns of Courtland and Virden are within the district.

**Area:** Gross, 8800 acres. Net, 8536.59 acres.

**Financial:** *Bonds*—R. D. No. 551, 6%, first issue. Dated October 1, 1911.

Due serially, 1917-1935, January 1 each year.

Denomination \$1.000.

Interest Jan.-July 1, by Treasurer of Sacramento County.

Outstanding, January 2, 1931 ----- \$65,000 00

Retired ----- 240,000 00

Authorized ----- \$305,000 00

R. D. No. 551, 6%<sup>c</sup>, second issue.

Dated January 1, 1924.

Due serially, 1936-1954, January 1 each year.

Denominations \$1.000 and one bond of \$369.69.

Interest Jan.-July 1, by Treasurer of Sacramento County.

Outstanding, January 2, 1931 ----- \$667,369 69

Unissued ----- 7,630 31

Authorized ----- \$675,000 00

MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930	\$748,370			
1931	732,370	\$16,000	\$43,942	\$59,942
1932	716,370	16,000	42,982	58,982
1933	700,370	16,000	42,022	58,022
1934	684,370	16,000	41,062	57,062
1935	667,370	17,000	40,042	57,042
1936	646,370	21,000	38,782	59,782
1937	624,370	22,000	37,462	59,462
1938	600,370	24,000	36,022	60,022
1939	575,370	25,000	34,522	59,522
1940	548,370	27,000	32,902	59,902
1941	520,370	28,000	31,222	59,222
1942	490,370	30,000	29,422	59,422
1943	458,370	32,000	27,502	59,502
1944	424,370	34,000	25,462	59,462
1945	388,370	36,000	23,302	59,302
1946	350,370	38,000	21,022	59,022
1947	310,370	40,000	18,622	58,622
1948	268,370	42,000	16,102	58,102
1949	223,370	45,000	13,402	58,402
1950	175,370	48,000	10,522	58,522
1951	124,370	51,000	7,462	58,462
1952	70,370	54,000	4,222	58,222
1953	13,370	57,000	802	57,802
1954		13,370		13,370
		<u>\$748,370</u>		

Warrants—None.

Overlaps: Sacramento and San Joaquin Drainage District (Assessment No 2).

Remarks: Credit balance in district fund is \$4,224.48.

District is completely protected from overflow by levees of ample height and cross-section. Drainage is provided by a system of collecting canals and drainage water is expelled by pumps. Irrigation water is pumped from the Sacramento River.

The soils of the area are classified as Sacramento clay loams with some traces of peat. The area is marked with well developed orchards, vineyards and dairies. Alfalfa, beans, beets and asparagus are grown.

RECLAMATION DISTRICT No. 554 (WALNUT GROVE)

Formation: Petition filed and district numbered August 25, 1893.

Location: In Sacramento County, on east bank of the Sacramento River in township 5 north, range 4 east, M. D. B. and M.

Area: Gross, 699 acres. Net, 638 acres.

Financial: Bonds—None.

Warrants—\$6,163.99.

Overlaps: Sacramento and San Joaquin Drainage District (Assessment No. 2).

Remarks: The district fund has a credit of \$753.21.

This small district has constructed a levee along the river frontage and is protected on its other boundaries by the levees of adjacent districts. The soils are composed of Sacramento clays.

### RECLAMATION DISTRICT No. 556 (UPPER ANDRUS ISLAND)

**Formation:** District formed September 8, 1893, under general reclamation district laws. Petition filed and numbered September 12, 1893. Included in Swamp Land District VIII.

**Location:** In Sacramento County on east bank of Sacramento River in townships 4 and 5 north, range 4 east, M. D. B. and M.

**Area:** Gross, 2378.95 acres. Net, 2272.08 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$25,186.81.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** Credit balance in district fund is \$298.

This district is protected from overflow by levees of ample section and height. Internal drainage is provided by a system of drains terminating at a pumping plant where excess waters are expelled from the district. Irrigation water is pumped from the Sacramento River.

The main soil body is composed of Sacramento clay loams.

### RECLAMATION DISTRICT No. 563 (MIDDLE TYLER ISLAND)

**Formation:** Petition filed and district numbered on May 7, 1894. Includes 386.

**Location:** In Sacramento County, lying between the North Fork of the Mokelumne River and Georgiana Slough in township 4 north, range 4 east, M. D. B. and M.

**Area:** Gross, 4616.51 acres. Net, 4400 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** Credit balance, \$731.95.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

### RECLAMATION DISTRICT No. 673 (POCKET)

**Formation:** Petition filed and numbered on November 20, 1895. Includes 203.

**Location:** In Sacramento County, bounded on the east by Reclamation District No. 535 and on the west by the Sacramento River, and lying in townships 7 and 8 north, range 4 east, M. D. B. and M.

**Area:** Gross, 3098.79 acres. Net, 2944.22 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$2,144.08.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** Small credit balance.

District is adequately leveed and drained. Irrigation water is pumped from the Sacramento River. The soils are classified as Columbia fine sandy loams and sand, and Sacramento clay loams.

This area, formerly devoted almost exclusively to hops, is now planted to garden truck.

**RECLAMATION DISTRICT No. 677 (MILLER AND LUX)**

**Formation:** Formed under the general reclamation district laws, the petition and order being filed and numbered on June 23, 1896.

**Location:** In Kings County and being portions of sections 17 and 20 in township 24 south, range 22 east, M. D. B. and M.

**Area:** Gross, 240 acres. Net, 228 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Tulare Lake Basin Water Storage District.

**Remarks:** Privately operated. No reclamation, drainage or irrigation works have been constructed. Soils are composed of Tulare Lake Basin sediment. Grain is the chief crop.

**RECLAMATION DISTRICT No. 678 (MILLER AND LUX)**

**Formation:** Formed under the general reclamation district laws, the petition and order being filed and numbered on June 23, 1896.

**Location:** In Kings County, and being the north half of the northwest quarter of section 18, township 24 south, range 22 east, M. D. B. and M.

**Area:** Gross, 80 acres. Net, 76 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** None.

**Remarks:** Privately operated. No reclamation, drainage or irrigation works have been constructed.

Soils are composed of Tulare Lake Basin sediment.

Grain is the chief crop.

**RECLAMATION DISTRICT No. 684 (ROBERTS ISLAND)**

**Formation:** Formed October 4, 1897, under general reclamation district laws. Petition filed and numbered October 8, 1897. Includes 659 and part of 109 and 223.

**Location:** In San Joaquin County, lying south of the San Joaquin River and east of Whisky Slough in townships 1 and 2 north, range 5 east, M. D. B. and M.

**Area:** Gross, 10,659.10 acres. Net, 10,126 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$8,979.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross-section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

**RECLAMATION DISTRICT No. 685 (DUNCAN DISTRICT)**

**Formation:** Formed August 4, 1897, under the general reclamation district laws, petition filed and numbered November 6, 1897. Includes 808.

**Location:** In Kings County, lying south of Tule River, in township 22 south, range 22 east, M. D. B. and M.

**Area:** Gross, 4349 acres. Net, 4131 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Corcoran Irrigation District.

**Remarks:** District fund has a credit balance of \$614.

District organization has not been active recently. No works of reclamation. Irrigation water is received from Cross Creek.

Soils are lake bed sediments ranging from sandy loams to clay. Chief crops are alfalfa and cotton.

#### RECLAMATION DISTRICT No. 686 (CROSS CREEK)

**Formation:** Formed December 11, 1897, under general reclamation district laws. Petition filed and numbered January 7, 1898.

**Location:** In Kings County, lying north of Tule River in townships 21 and 22 south, range 22 east, M. D. B. and M.

**Area:** Gross, 5079 acres. Net, 4825 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Corcoran Irrigation District.

**Remarks:** There is no balance in the district fund. No works of reclamation have been constructed and lands receive water from Corcoran Irrigation District.

Soils are lake bed sediments ranging from sandy loams to clay. Chief crops are alfalfa and cotton.

#### RECLAMATION DISTRICT No. 690 (LOWER TULE RIVER)

**Formation:** Formed November 22, 1898, under general reclamation district laws. Petition filed and numbered November 30, 1898.

**Location:** In Kings County, on the east side of Tulare Lake Basin, and in township 22 south, range 22 east, M. D. B. and M.

**Area:** Gross, 2294 acres. Net, 1180 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Tulare Lake Basin Water Storage District, Corcoran Irrigation District and Lakeland Irrigation District.

**Remarks:** No balance in district fund.

District is partially leveed. Lands are irrigated from works of Corcoran Irrigation District.

Soils are lake bed sediments ranging from sandy loam to clay. Chief crops are alfalfa and cotton.

#### RECLAMATION DISTRICT No. 692 (BUENA VISTA)

**Formation:** Formed May 2, 1899, under the general reclamation district laws, the petition being filed and numbered on July 5, 1899. A large part of the original district has been absorbed by other districts. See 1616, 1618 and 1662.

**Location:** In Kings County, on the south side of Tulare Lake Basin, and in townships 22 and 23 south, ranges 20 and 21 east, M. D. B. and M.

**Area:** Gross, 3380 acres. Net, 3211 acres.

The original district contained a gross area of 29,801 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Tulare Lake Basin Water Storage District and Lakeland Irrigation District.

**Remarks:** A small credit balance of \$37.30 remains in the district fund. The last warrants issued were canceled in 1909.

Surrounding levees and drains built by adjoining districts. Irrigation is received from Tulare Lake storage when available.

Soils are lake bed sediments. Grain is the chief crop.

#### RECLAMATION DISTRICT No. 705 (JOHNSON)

**Formation:** Formed July 31, 1900, under general reclamation district laws. Petition filed and numbered December 20, 1900.

**Location:** In Kings County, on the northeast margin of Tulare Lake Basin and being portions of sections 4, 10, 11 and 14 in township 21 south, range 21 east, M. D. B. and M.

**Area:** Gross, 770 acres. Net, 732 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Tulare Lake Basin Water Storage District and Corcoran Irrigation District.

**Remarks:** This district has no works but is protected by levees of Reclamation District No. 749. The lands are irrigated from Tulare Lake Canal and Tulare Lake storage when available.

Soils are lake bed sediments. Grain is the chief crop.

#### RECLAMATION DISTRICT No. 730

**Formation:** Formed November 19, 1902. The certified copy of the petition and order of the board of supervisors, as required by Political Code section 3450, was filed in the office of the Register of the State Land Office December 16, 1902. The district as formed was legalized and validated by a special act of the State Legislature approved March 6, 1909 (Stats. 1909:145). The district boundaries were established and defined by a special act of the same date (Stats. 1909:146).

**Location:** In Yolo County, adjoining the town of Knights Landing and lying within township 11 north, ranges 2 and 3 east, M. D. B. and M.

**Area:** Gross, 4497.86 acres. Net, 4047.12 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$138,856.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 6), Knights Landing Ridge Drainage District.

**Remarks:** The district fund has a credit balance of \$14,640.59.

District is divided into two portions by Knights Landing Ridge drainage cut. Proper levee and drainage facilities have been constructed and irrigation water is pumped from the Sacramento River. Dairying is an important industry and the raising of alfalfa and corn is carried on. The soils consist of the silt loams of the Columbia series and the Sacramento clays.

#### RECLAMATION DISTRICT No. 739 (LOVELACE)

**Formation:** Formed May 14, 1903, under general reclamation district laws, the petition and order of formation being filed and numbered on June 6, 1903. Includes portion of 1615.

**Location:** In Kings County on the northern margin of Tulare Lake Basin, being portions of townships 20 and 21 south, ranges 20 and 21 east, M. D. B. and M.

**Area:** Gross, 7300 acres. Net, 6935 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Tulare Lake Basin Water Storage District and Lemoore Irrigation District.

**Remarks:** Operates upon a cash basis and has a credit balance of \$2,621 on hand.

District is completely leveed and is dependent upon flow of Kings River for irrigation water. Soils are of Tulare Lake Basin sediment. The chief crop is grain.

## RECLAMATION DISTRICT No. 744

**Formation:** Formed under the general reclamation district laws, the petition being filed and numbered on September 11, 1903. Includes part of 254.

**Location:** In Sacramento County, on the east bank of the Sacramento River, and being portions of townships 6 and 7 north, range 4 east, M. D. B. and M.

**Area:** Gross, 1618.45 acres. Net, 1458 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$3,526.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** There is a credit balance of \$51 in the district fund.

District is adequately leveed and drained. Irrigation water is pumped from the Sacramento River.

The soils are classified as Sacramento clays.

## RECLAMATION DISTRICT No. 745

**Formation:** Formed September 10, 1903, under general reclamation district laws, the petition being filed and numbered on September 25, 1903. Includes part of 254.

**Location:** In Sacramento County, on the east bank of the Sacramento River, and being portions of sections 2 and 11, township 6 north, range 4 east, M. D. B. and M.

**Area:** Gross, 136.75 acres. Net, 130 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** No record of district funds in treasurer's office. Privately operated.

District is protected from overflow by a river levee of ample height and section, the south levee of District No. 744 on the north, and the embankment of the Southern Pacific Railroad and the high land on the east.

The soils are classified as Sacramento clay loams.

## RECLAMATION DISTRICT No. 746 (BONNIE BRAE)

**Formation:** Formed under the general reclamation district laws, the petition being filed and numbered on October 24, 1903. Includes 418.

**Location:** In Sacramento County, on the east bank of the Sacramento River, and being portions of sections 14, 15, 22 and 23, township 6 north, range 4 east, M. D. B. and M.

**Area:** Gross, 135 acres. Net, 128 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** No record of district funds in treasurer's office. Privately operated.

District is protected from overflow by a river levee of ample height and section, the railroad embankment on the east, and by the levees of adjoining districts.

The soils of the area are classified as Sacramento clay loams.

## RECLAMATION DISTRICT No. 748 (BLAKELEY)

**Formation:** Formed November 7, 1903, under general reclamation district laws, the petition being filed and numbered on December 10, 1903. Part annexed to 761 in 1923.

**Location:** In Kings County, on the northwest margin of Tulare Lake Basin, and being portions of township 21 south, ranges 19 and 20 east, M. D. B. and M.

**Area:** Gross, 1920 acres. Net, 1824 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Tulare Lake Basin Water Storage District.

**Remarks:** The district fund has a credit balance of \$82.

This district is partially leveed. Irrigation is received from the Kings River.

Soils are lake bed sediments. Grain is the chief crop.

**RECLAMATION DISTRICT No. 749 (TULARE LAKE)**

**Formation:** Formed December 11, 1903, under the general reclamation district laws, the petition being filed and numbered on December 21, 1903. Lands excluded and Reclamation District No. 1620 formed therefrom in 1914. Notice of consolidation with Reclamation District No. 757 filed with County Recorder November 29, 1915. Consolidated district given new number (749) on December 2, 1915.

**Location:** In Kings County, Tulare Lake Basin area, and being portions of township 21 south, ranges 20 and 21 east, M. D. B. and M.

**Area:** Gross, 19,392.60 acres. Net, 18,031.40 acres.

**Financial:** *Bonds*—Tulare Lake Reclamation District No. 749, 6%.

Dated July 1, 1922.

Due serially, 1928-1942, July 1 each year.

Denominations \$1,000, \$500.

Interest Jan.-July 1, by Treasurer of Kings County at Hanford, California.

Outstanding, January 2, 1931----- \$375,000 00

Retired ----- 25,000 00

Authorized ----- \$400,000 00

**MATURITIES AND INTEREST**

Year	Outstanding	Maturities	Interest	Total
1930-----	\$375,000			
1931-----	360,000	\$15,000	\$22,050	\$37,050
1932-----	340,000	20,000	21,000	41,000
1933-----	306,000	34,000	19,380	53,380
1934-----	272,000	34,000	17,340	51,340
1935-----	238,000	34,000	15,300	49,300
1936-----	204,000	34,000	13,260	47,260
1937-----	170,000	34,000	11,220	45,220
1938-----	136,000	34,000	9,180	43,180
1939-----	102,000	34,000	7,140	41,140
1940-----	68,000	34,000	5,100	39,100
1941-----	34,000	34,000	3,060	37,060
1942-----		34,000	1,020	35,020
				\$375,000

*Warrants*—\$32,408.37 (plus \$4,153.42).

**Overlaps:** Tulare Lake Basin Water Storage District and Corcoran Irrigation District.

**Remarks:** District is entirely encompassed by high and massive levees and is adequately drained. Irrigation water is received from Tulare Lake Canal, from Tulare Lake storage (when available), and from a series of deep wells equipped with electrically driven pumps.

The soils are composed of recent alluvium lake laid deposits, strong, fertile and free from alkali.

Grain and cotton are the chief crops.

**RECLAMATION DISTRICT No. 750 (RICHARDSON)**

**Formation:** Formed December 8, 1903, under the general reclamation district laws, the petition being filed and numbered on December 28, 1903. No trustees appointed.

**Location:** In Kings County, being portions of sections 16, 17, 21 and 22, township 21 south, range 21 east, M. D. B. and M.

**Area:** Gross, 775 acres. Net, 736 acres.

The original district contained 1600.46 acres but Etta Reclamation District No. 759 was excluded therefrom.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Tulare Lake Basin Water Storage District.

**Remarks:** District operated privately. No balance in fund. No district works of reclamation have been constructed but area is completely reclaimed by the reclamation works of District No. 749. (See District No. 749.)

#### RECLAMATION DISTRICT No. 751 (DOHERTY & HAMMOND)

**Formation:** Formed January 13, 1904, under the general reclamation district laws, the petition being filed and numbered on January 23, 1904. No trustees.

**Location:** In Kings County, being sections 25 and 26, township 21 south, range 21 east, M. D. B. and M.

**Area:** Gross, 1280 acres. Net, 1215 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Tulare Lake Basin Water Storage District.

**Remarks:** Privately operated district. No balance in fund. No district works of reclamation have been constructed, but area is completely reclaimed by the reclamation works of District 749. (See District No. 749.)

#### RECLAMATION DISTRICT No. 752

**Formation:** Formed under the general reclamation district laws, the certified copy of the petition and order being filed by the Register of the State Land Office on February 5, 1904.

**Location:** In Yolo County, on the westerly bank of the Sacramento River about six miles northwest of the city of Sacramento, and containing all of Swamp Land Survey No. 850 in sections 11 and 12, township 9 north, range 3 east, M. D. B. and M.

**Area:** Gross, 230 acres. Net, 201 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 6).

**Remarks:** Last warrant issued June 6, 1910.

This district is completely reclaimed by the reclamation works of District No. 785. (See District No. 785.)

#### RECLAMATION DISTRICT No. 753 (GOLDBERG)

**Formation:** Formed February 6, 1904, under general reclamation district laws, the petition and order being filed and numbered on February 9, 1904. Consolidated with 706 on April 18, 1919. Certified copy of notice of consolidation filed in State Land Office April 19, 1919. Consolidated district designated as No. 753 on April 21, 1919.

**Location:** In Kings County, and being portions of township 21 south, ranges 20 and 21 east, M. D. B. and M.

**Area:** Gross, 3793 acres. Net, 3603 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Tulare Lake Basin Water Storage District.

**Remarks:** Operated on a cash basis. Balance of \$2.25 in district fund.

District is adequately leveed and drained and is dependent for irrigation water upon the flow of Kings River.

Soils are composed of lake bed sediments and the chief crops are grain and cotton.

## RECLAMATION DISTRICT No. 755 (RANDALL ISLAND)

**Formation:** Formed under the general reclamation district laws, the petition and order being filed and numbered on July 25, 1904.

**Location:** In Sacramento County, and being portions of sections 28 and 29, township 6 north, range 4 east, M. D. B. and M.

**Area:** Gross, 408.60 acres. Net, 382 acres.

**Financial: Bonds—None.**

*Warrants—None.*

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No 2).

**Remarks:** Privately operated upon a cash basis. No district fund in Treasurer's office.

This small district is protected from overflow by the works of District No. 551.

The soils of this area are classified as Sacramento clay loams and the development is similar to that obtaining in District No. 551.

## RECLAMATION DISTRICT No. 756 (BOULDIN ISLAND)

**Formation:** Formed October 8, 1904, under the general reclamation district laws, the petition and order being filed and numbered on October 11, 1904. Includes 22 and 66.

**Location:** In San Joaquin County at the junction of the San Joaquin and Mokelumne rivers and being a portion of township 4 north, range 3 east, M. D. B. and M.

**Area:** Gross, 6006.06 acres. Net, 5678.82 acres.

**Financial Bonds—**Bonds adjudged a valid legal obligation of the district by decree of the Superior Court in and for San Joaquin County on September 16, 1918. Bonds are in default. Interest and principal due July 1, 1928, and subsequent dates not paid.

R. D. No. 756, 6%.

Dated September 2, 1918.

Due serially, 1928-1938, July 1 each year: \$62,250, 1928; \$50,000, 1929-1938. Denomination \$1,000 and one bond of \$250.

Interest Jan.-July 1, by Treasurer of San Joaquin County at Stockton.

Outstanding and authorized, January 2, 1931-----\$562,250

*Warrants—\$660,103.*

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No 2).

**Remarks:** This district, together with Reclamation District No. 2027 (Mandeville Island), defaulted on both interest and principal on July 1, 1928, thereupon these properties were offered at tax sale and were bid in by the County Treasurer as provided by the statutes. A joint bondholders' committee for Reclamation Districts Nos. 756 and 2027 was organized. Since the date of original default no payment of assessments or county taxes has been made. The so-called "Empire Plan" was devised by the bondholders' committee and practically all of the bonds of the combined issues are now under their control.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross-section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found, but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

## RECLAMATION DISTRICT No. 759 (ETTA)

**Formation:** Formed November 11, 1904, under the general reclamation district laws, the petition being filed and numbered on December 12, 1904. A part of 750. No trustees appointed.

**Location:** In Kings County, being portions of sections 16, 17, 21 and 22, township 21 south, range 21 east, M. D. B. and M.

**Area:** Gross, 825 acres. Net, 784 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Tulare Lake Basin Water Storage District.

**Remarks:** District operated privately. No funds on hand. No district works have been constructed, but district is completely reclaimed by the reclamation works of District No. 749. (See District No. 749.)

## RECLAMATION DISTRICT No. 760 (O'BRYAN)

**Formation:** Formed November 11, 1904, under the general reclamation district laws, the petition being filed and numbered on December 12, 1904.

**Location:** In Kings County, being portions of townships 22 and 23 south, range 20 east, M. D. B. and M.

**Area:** Gross, 13,108.35 acres. Net, 12,450 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Tulare Lake Basin Water Storage District.

**Remarks:** Last warrant was paid in 1917, leaving a credit balance of \$432 still on hand.

No works of reclamation have been constructed. The lands of this district are included in the flowage area of Tulare Lake Basin Water Storage District reservoir and would be entirely inundated should water elevation reach 192 U. S. G. S. Datum.

The soils are lake bed sediments and the area is usually farmed to grain.

## RECLAMATION DISTRICT No. 761 (COHN-CENTRAL CONSOLIDATED)

**Formation:** Formed under the general reclamation district laws, the petition being filed and numbered on December 12, 1904. Consolidated with No. 1620. Part of district in townships 21 and 22 south, range 20 east, M. D. B. and M., excluded on November 15, 1919, and 7380 acres annexed in 1923.

**Location:** In Kings County, on the west margin of Tulare Lake Basin, being portions of townships 21 and 22 south, range 19 east, M. D. B. and M.

**Area:** Gross, 27,028.54 acres. Net, 19,648.54 acres assessed.

**Financial:** *Bonds*—\$118,823.33 (retired). All principal and interest payments were completed as of July 1, 1930.

*Warrants*—\$5,972.67.

**Overlaps:** Tulare Lake Basin Water Storage District.

**Remarks:** District is protected from overflow by high and massive levees. Drainage is amply provided for and irrigation water is received from the Kings River via West Side Canal.

The chief crops are grain and cotton. Soils are recent alluvium lake laid deposits, strong, fertile and free from alkali.

## RECLAMATION DISTRICT No. 765 (GLIDE)

**Formation:** Formed under the general reclamation district laws, the petition and order being filed and numbered on April 22, 1905. Includes part of 472.

**Location:** In Yolo County and lying between the Yolo By-Pass and the Sacramento River, in townships 7 and 8 north, range 4 east, M. D. B. and M.

**Area:** Gross, 1322.51 acres. Net, 1256 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$14,004.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No 2).

**Remarks:** District is adequately drained and leveed. Irrigation water is received from the Sacramento River. Soils of the district are classified as Columbia series silt loams. The chief crops are alfalfa and grain.

#### RECLAMATION DISTRICT No. 766 (TAFT)

**Formation:** Formed July 21, 1905, under the general reclamation district laws, the petition and order being filed and numbered on August 7, 1905. No trustees appointed.

**Location:** In Kings County, near the northern margin of Tulare Lake Basin and being portions of sections 17 and 18, township 21 south, range 21 east, M. D. B. and M.

**Area:** Gross, 320 acres. Net, 304 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Tulare Lake Basin Water Storage District.

**Remarks:** Operated privately. No balance in district fund. No district works have been constructed, but the area is entirely reclaimed by the works of Reclamation District No. 749. (See District No. 749.)

#### RECLAMATION DISTRICT No. 767 (RHODA PARK)

**Formation:** Formed under the general reclamation district laws, the petition and order being filed and numbered on August 7, 1905.

**Location:** In Kings County, on the northern margin of Tulare Lake Basin and being the east half of section 5, township 21 south, range 20 east, M. D. B. and M.

**Area:** Gross, 320 acres. Net, 304 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Tulare Lake Basin Water Storage District.

**Remarks:** Privately operated—no fund balance.

District is partially leveed and receives irrigation water from Kings River. Soils are lake bed sediments. Grain is the chief crop.

#### RECLAMATION DISTRICT No. 770 (DELTA LANDS)

**Formation:** Formed February 8, 1906, under the general reclamation district laws, the petition and order being filed and numbered on February 14, 1906.

**Location:** In Kings County, near the center of Tulare Lake Basin and being portions of township 22 south, ranges 20 and 21 east, M. D. B. and M.

**Area:** Gross, 13,729 acres.

In storage area, 7664 acres.

Gross reclaimed, 6065.93 acres.

Net reclaimed, 5703.42 acres.

**Financial:** *Bonds*—Delta Lands R. D. No. 770, 6%.

Dated July 1, 1927.

Due serially, 1932-1947, January 1 each year.

Denominations \$1,000 and one bond of \$156.19.

Interest Jan.-July 1, by Treasurer of Kings County.

Issued and outstanding, January 2, 1931-----\$123,156.19

## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1931	\$123,156			
1932	117,156	\$6,000	\$7,029	\$13,029
1933	111,156	6,000	6,669	12,669
1934	105,156	6,000	6,309	12,309
1935	99,156	6,000	5,949	11,949
1936	93,156	6,000	5,589	11,589
1937	87,156	6,000	5,229	11,229
1938	81,156	6,000	4,869	10,869
1939	75,156	6,000	4,509	10,509
1940	69,156	6,000	4,149	10,149
1941	63,156	6,000	3,789	9,789
1942	57,156	6,000	3,429	9,429
1943	51,156	6,000	3,069	9,069
1944	45,156	6,000	2,709	8,709
1945	39,156	6,000	2,349	8,349
1946	33,156	6,000	1,989	7,989
1947	27,156	6,156	1,629	7,629
				<u>\$123,156</u>

Warrants—None.

Overlaps: Tulare Lake Basin Water Storage District.

Remarks: The reclaimed area consists of the nine sections in township 22 south, range 21 east, M. D. B. and M. This portion of the district is protected from overflow by high and massive levees. Deep and wide drainage channels provide amply for the collection of excess waters. Irrigation water may be taken from Tulare Lake Canal and from Tulare Lake Basin storage when available; an assured supply is received from a series of deep wells equipped with electrically driven pumps.

Chief crops are grain and cotton. The soils are recent alluvium lake laid deposits, strong, fertile and free from alkali.

## RECLAMATION DISTRICT No. 771 (ISLAND No. 3)

Formation: Formed under the general reclamation district laws, the petition and order being filed and numbered on July 23, 1906.

Location: In Kings County, south of Kingsburg and east of Laton, and being a portion of township 17 south, range 22 east, M. D. B. and M.

Area: Gross, 2200 acres. Net, 2090 acres.

Financial: Bonds—None.

Warrants—None.

Overlaps: Island No. 3 Irrigation District.

Remarks: Credit balance \$201.

Dikes of sufficient height to prevent overflow at high water stage have been constructed. Ground water stands at 10 to 12 feet from the surface and the land is slightly spotted with alkali. Irrigation water is received from Consolidated Irrigation District.

Soils are classified as Haaford fine sandy loams. The development is mainly in vines, field crops and alfalfa.

## RECLAMATION DISTRICT No. 773 (FABIAN)

Formation: Formed October 1, 1906, under the general reclamation district laws, the petition and order being filed and numbered on January 15, 1907. Part of 282.

Location: In San Joaquin County, lying north of Old River, and being a portion of Rancho El Pescadero.

Area: Gross, 7195.50 acres. Net, 6103.79 acres.

Financial: Bonds—None.

Warrants—None.

Overlaps: Sacramento and San Joaquin Drainage District (Assessment No 2).

Remarks: There is a small credit balance in the district fund. No warrants have been issued since 1925.

District is adequately leveed and drained. Irrigation water is received from Old River via the Fabian and Bell Canal. The soils of the entire area are classified as Sacramento clay loams. The chief crops are alfalfa, corn and grain.

#### RECLAMATION DISTRICT No. 776 (ISLAND)

**Formation:** Formed May 7, 1907, under the general reclamation district laws, the petition and order being filed and numbered on June 4, 1907.

**Location:** In Kings County, lying south of Riverdale and west of Lemoore, and bounded by the North Fork of Kings River and Clarks Fork, being a part of the Rancho Laguna de Tache, in township 18 south, ranges 19 and 20 east, M. D. B. and M.

**Area:** Gross, 8000 acres. Net, 7740 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Laguna Irrigation District.

**Remarks:** There have been five calls made upon the assessment of \$37,000 levied on August 6, 1914, 94% of which has been paid to date. In addition, a levy was made October 6, 1917, in the amount of \$31,130 for drainage work and a call of 30% was made and collected in part November, 1917. This levy is now in litigation. Credit balance, \$3,503.

Dikes of sufficient height to prevent overflow have been constructed. Drainage works as constructed are not entirely adequate. Irrigation water is received from the works of Laguna Irrigation District.

Soils consist of the loams and sandy loams of the Hanford and Merced series. Chief crops are grain, alfalfa and cotton.

#### RECLAMATION DISTRICT No. 777

**Formation:** Formed under the general reclamation district laws, the petition and order being filed and numbered on July 25, 1907.

**Location:** In Sutter County, the northern half of the district adjoining the west bank of the Feather River, and being portions of townships 15, 16 and 17 north, ranges 2 and 3 east, M. D. B. and M.; small portion of district in Butte County.

**Area:** Gross, 12,453 acres. Net, 11,830 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$34,391.

**Overlaps:** Sacramento and San Joaquin Drainage District.

**Remarks:** District fund has a credit balance of \$4,347.

A levee along the Feather River protects the area from flood menace from this source. As in the case of District No. 833 to the north, drainage is the main problem. Through a system of canals excess waters are conducted from lands and eventually expelled into Sutter By-Pass. Irrigation water is received from the system of Sutter-Butte Canal Company.

The soils of the district area are classified as Madera and Gridley loams. The entire district is highly developed, mainly in orchards and vineyards.

#### RECLAMATION DISTRICT No. 779 (LAGUNA)

**Formation:** Formed August 10, 1907, under the general reclamation district laws, the petition and order being filed and numbered on August 30, 1907.

**Location:** In Fresno and Kings counties near Laton and being portions of townships 17 and 18 south, ranges 19, 20 and 21 east, M. D. B. and M.

**Area:** Gross, 19,277 acres. Net, 18,467.03 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Laguna Irrigation District.

**Remarks:** Of the third assessment dated April 12, 1918, in the amount of \$40,000, 75 per cent has been called to date. A balance of \$15 remains in the district fund in Kings County.

Dikes of sufficient height to prevent overflow have been constructed. Drainage conditions are not of the best and irrigation water is received from Laguna Irrigation District.

Soils consist of the loam and sandy loam of the Hanford and Merced series. Chief crops are grain, alfalfa and cotton.

#### RECLAMATION DISTRICT No. 780 (HOMELAND)

**Formation:** Formed October 11, 1907, under the general reclamation district laws, the petition and order being filed and numbered on October 14, 1907. Consolidated with 814.

**Location:** In Kings County, near the southeast margin of Tulare Lake Basin, and being portions of townships 23 and 24 south, ranges 22 and 23 east, M. D. B. and M.

**Area:** Gross, 29,682.61 acres. Net, 28,200 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$770.

**Overlaps:** Tulare Lake Basin Water Storage District and a small acreage in Corcoran and Alpaugh Irrigation Districts.

**Remarks:** Credit balance, \$37.13. District is partially leveed. Irrigation water is received from Homeland Canal and Tulare Lake storage when available. Grain and cotton are the chief crops. Soils are composed of lake bed sediments.

#### RECLAMATION DISTRICT No. 781 (CRESCENT)

**Formation:** Formed November 16, 1907, under the general reclamation district laws, the petition and order being filed on December 6, 1907.

**Location:** In Fresno County, near Wheatville, and being portions of township 17 south, ranges 18 and 19 east, M. D. B. and M.

**Area:** Gross, 5714 acres. Net, 5428 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Portions of Stinson and Crescent Irrigation Districts.

**Remarks:** Three assessments have been levied in the total amount of \$26,280.39 and used for the purpose of raising levees to proper height. Less than \$50 remains in the district fund.

Dikes of sufficient height to prevent overflow have been constructed. Drainage is not as yet a problem. Irrigation water is received from Crescent Canal Company.

Soils are classified mainly as Merced clays and clay loams and Panoche clay loams. Practically the entire area is planted to grain.

#### RECLAMATION DISTRICT No. 784 (PLUMAS LAKE)

**Formation:** Formed under the general reclamation district laws, the petition and order being filed and numbered on May 6, 1908.

**Location:** In Yuba County, extending along the east bank of the Feather River between the Bear and Yuba rivers, and being portions of townships 13, 14 and 15 north, ranges 3 and 4 east, M. D. B. and M.

**Area:** Gross, 19,580.02 acres. Net, 16,500 acres.

**Financial:** *Bonds*—Reclamation District No. 784, 6% bonds adjudged a valid legal obligation of the district by decree of the Superior Court in and for Yuba County on May 21, 1920.

Bonds are in default. Interest and principal due January 1, 1930, not paid. Dated January 1, 1921.

Due serially, 1930-1939, January 1 each year: \$90,000, 1930-1938; \$87,427, 1939.

Denominations \$1,000 and one bond of \$427.

Interest Jan.-July 1, by Treasurer of Yuba County at Marysville, California.

Outstanding, January 2, 1931----- \$834,000 00  
 Unissued (1938-1939 Maturities)----- 63,427 00

Authorized ----- \$897,427 00

Warrants—\$67,703.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 6).

**Remarks:** The district fund has a credit balance of \$18,473. Two assessments have been defaulted in by the district: the first levied in October, 1929, in the amount of \$132,874.66, to pay bonds (\$90,000) maturing January 1, 1930, plus interest; the second levied April, 1930, in the amount of \$25,689.07, to pay interest maturing July 1, 1930. Deposit of bonds has not as yet been requested.

Protection from overflow is provided by natural high ground, the embankments of the Southern Pacific Railroad Company and Sacramento Northern Railway, and levees along the Bear and Feather rivers. Drainage water is discharged into Feather River by pumps. Majority of the lands is irrigated by systems of the Farm Land Company and Alicia Mutual Water Company.

Soils are those of the Madera and Columbia series in the river bottom and of the San Joaquin series forming the first and second benches on the east. Grain and rice have heretofore covered extensive areas. The bottomland north of Plumas Lake is largely in orchards.

**RECLAMATION DISTRICT No. 785 (DRIVER)**

**Formation:** Order of board of supervisors of Yolo County approving formation dated August 6, 1907, and filed May 18, 1908. Notice of consolidation with Districts Nos. 778 and 782 dated May 28, 1908. Validated by special act of State Legislature approved April 14, 1909 (Stats. 1909:896).

**Location:** In Yolo County, within township 9 north, range 3 east, M. D. B. and M., bounded on the north by the Sacramento River, on the east by Reclamation District No. 537, on the south by the Sacramento By-Pass, and on the west by the Yolo By-Pass and Reclamation District No. 827.

**Area:** Gross, 2974.40 acres. Net, 2661.50 acres.

**Financial: Bonds—R. D. No. 785, 6%.**

Dated January 1, 1923.

Due serially, 1933-1943, January 1 each year.

Denominations \$1,000 and one bond of \$484.99.

Interest Jan.-July 1, by Treasurer of Yolo County.

Outstanding and authorized, January 2, 1931-----\$131,484.99.

**MATURITIES AND INTEREST**

Year	Outstanding	Maturities	Interest	Total
1932-----	\$131,485			
1933-----	117,000	\$14,485	\$7,020	\$21,505
1934-----	105,000	12,000	6,300	18,300
1935-----	93,000	12,000	5,580	17,580
1936-----	81,000	12,000	4,860	16,860
1937-----	69,000	12,000	4,140	16,140
1938-----	57,000	12,000	3,420	15,420
1939-----	45,000	12,000	2,700	14,700
1940-----	33,000	12,000	1,980	13,980
1941-----	21,000	12,000	1,260	13,260
1942-----	9,000	12,000	540	12,540
1943-----		9,000		9,000
		<u>\$131,485</u>		

Warrants—\$27,790.62 (plus interest to July 23, 1930).

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 6).

**Remarks: Assessment No. 5:**

Warrants, plus interest to March 10, 1930.....	\$24,896 70
Structures and levee improvements.....	38,832 00
Operation and maintenance.....	7,540 00
	\$71,268 70

Ample levee and drainage works have been constructed. Irrigation is provided by privately owned pumping plants drawing upon the Sacramento River.

The soils of almost the entire area of the district are the Columbia series of silt and fine sandy loams. The entire area is under cultivation. Formerly devoted to the production of hops, the lands are now mostly in special crops—spinach, tomatoes, beans, alfalfa, corn and grain.

**RECLAMATION DISTRICT No. 787 (FAIR)**

**Formation:** Formed under the general reclamation district laws, the petition and order being filed and numbered on August 20, 1908.

**Location:** In Yolo County, on the westerly bank of the Sacramento River; includes portions of townships 11 and 12 north, range 2 east, M. D. B. and M., and the easterly portion of the Rancho Jimeno.

**Area:** Gross, 9453 acres. Net, 9453 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 6), Knights Landing Ridge Drainage District, and Sacramento River West Side Levee District.

**Remarks:** No fund in Treasurer's office.

This district is protected from overflow by levees constructed practically up to the estimated flood plane elevations. The old district drainage plant has been discontinued, but the original system of drainage canals is now connected with the pumping plant of the River Farms Company, which is utilized for both drainage and irrigation. In addition a gravity culvert has been constructed which provides for the expulsion of drainage waters during the low water stage.

With the exception of a narrow belt of soils of the Columbia series along the river, Sacramento clays predominate. Indications of alkali are apparent in the eastern area. The lands east of Sycamore Slough are largely planted to orchards and alfalfa; the lands to the west and south, with grain and beans.

**RECLAMATION DISTRICT No. 788**

**Formation:** Formed November 2, 1908, under the general reclamation district laws, the petition and order being filed and numbered on November 24, 1908.

**Location:** In Contra Costa County, on the west side of Walnut Creek near Avon, and being portions of sections 8, 9, 10, 15 and 16 in township 2 north, range 2 west, M. D. B. and M.

**Area:** Gross, 648.79 acres. Net, 616 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** None.

**Remarks:** No record of funds in County Treasurer's office. Privately operated. A marshland district bordering on the southerly shore of Suisun Bay. Grain and oats are grown.

**RECLAMATION DISTRICT No. 799**

**Formation:** Formed July 6, 1909, under the general reclamation district laws, the petition and order being filed and numbered on July 15, 1909. Includes 99, 103, 161 and 165.

**Location:** In Contra Costa County, east of Oakley and north of Knightsen, and being a portion of township 2 north, range 3 east, M. D. B. and M.

**Area:** Gross, 2907.03 acres. Net, 2760 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** Last assessment of \$17,622.18 all paid. The district fund has a credit balance of \$1,748.27; the last warrant was paid on August 27, 1930.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross-section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power-driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found, but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 800 (DEER CREEK)

**Formation:** Created by special act of the State Legislature approved March 14, 1907. The boundaries are described in the act and the management is made subject to the provisions of the Political Code (Stats. 1907:259).

**Location:** In Sacramento County, east of Elk Grove, and lying between Deer Creek and the Cosumnes River in the Sheldon Grant.

**Area:** Gross, 2180 acres. Net, 2158.31 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** None.

**Remarks:** District fund has a credit balance of \$256.94. Operated on a cash basis.

Substantial levees have been constructed along the bank of the Cosumnes River and on the south boundary connecting with the high land to the west. The topography is such that artificial drainage works are not required. Irrigation water is pumped from the Cosumnes by individual property owners.

Soils are classified as Hanford fine sandy loams. These lands were formerly largely in hops. One large dairy is operated within the district and the remaining area is in well developed orchards and alfalfa fields.

#### RECLAMATION DISTRICT No. 800 (BYRON)

**Formation:** Formed July 26, 1909, under the general reclamation district laws, the petition and order being filed and numbered on July 29, 1909. The formation was legalized, boundaries defined and management made subject to the provisions of the Political Code by a special act of the State Legislature approved March 2, 1911 (Stats. 1911:265). Includes 99, 161 and part of 107.

**Location:** In Contra Costa County, east of Byron, and being portions of township 1 north and township 1 south, ranges 3 and 4 east, M. D. B. and M.

**Area:** Gross, 6319.05 acres. Net, 6003 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$2,838.92.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross-section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power-driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found, but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 801 (ZALDA)

**Formation:** Formed September 22, 1909, under the general reclamation district laws, the petition and order being filed and numbered on September 28, 1909.

**Location:** In Fresno County on the lower Kings River, and being portions of township 17 south, ranges 18 and 19 east, and portions of township 18 south, range 19 east, M. D. B. and M. The southeasterly part of the district extends into Kings County.

**Area:** Gross, 10,904.79 acres. Net, 10,904.79 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Laguna Irrigation District and Riverdale Irrigation District.

**Remarks:** There have been seven calls upon Assessment No. 2 dated June 4, 1918, for \$40,000. These seven calls aggregate 87½% of the total amount levied.

Dikes of sufficient height to protect the lands from overflow have been constructed. Irrigation water is received from Murphy Slough through the works of Riverdale Irrigation District, this supply being augmented by pumping from wells.

Soils are mainly Merced loams with small areas of Hanford loams. The chief crops are alfalfa and grain.

#### RECLAMATION DISTRICT No. 802 (CLIFTON COURT)

**Formation:** Formed September 3, 1909, under the general reclamation district laws, the petition and order being filed and numbered on October 18, 1909. The formation was legalized and the boundaries defined by a special act of the State Legislature approved June 13, 1913, and in effect August 10, 1913 (Stats. 1913 :838).

**Location:** In Contra Costa County, at the southeast corner thereof, and being portions of township 1 south, ranges 3 and 4 east, M. D. B. and M.

**Area:** Gross, 3362.89 acres. Net, 3235.01 acres. (Area as per petition for formation was 3400.44 acres.)

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2) and Byron-Bethany Irrigation District.

**Remarks:** District operates on a cash basis.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross-section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power-driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found, but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 803 (RIDEOUT)

**Formation:** Formed December 7, 1909, under the general reclamation district laws, the petition and order being filed and numbered on December 13, 1909.

**Location:** In Sutter County, at the junction of the Feather River and the Sutter By-Pass in township 12 north, range 3 east, M. D. B. and M.

**Area:** Gross, 2000 acres. Net, 1900 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessments No. 6 and No. 7).

**Remarks:** Operated upon a cash basis. District fund has a credit balance of \$331.

The east levee of Sutter By-Pass and a levee along the Feather River afford protection from overflow. Drainage is provided by canals and laterals terminating at a pumping plant on the Feather River. Irrigation water is pumped from the Feather River. Drainage conditions are not of the best.

Approximately two-thirds of the district area is composed of the Columbia soils, the northwesterly portion being largely of Madera and Gridley loams. Much of the district is timbered. Activities are mostly confined to dairying and the production of grain.

### RECLAMATION DISTRICT No. 805 (RIVERDALE)

**Formation:** Formed December 22, 1909, under the general reclamation district laws, the petition and order being filed and numbered on January 5, 1910. Reorganized January 13, 1915.

**Location:** In Fresno County adjacent to the town of Riverdale and being portions of township 17 south, ranges 19 and 20 east, M. D. B. and M. (21.29 acres of district area in town of Riverdale.)

**Area:** Gross, 2830 acres. Net, 2793 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Riverdale and Laguna Irrigation Districts.

**Remarks:** First assessment, dated January 13, 1916, in the amount of \$21,000, has been paid in full. Of the second assessment, levied March 5, 1917, in the total amount of \$10,000, 40% was called on August 6, 1917.

Dikes of sufficient height to protect the lands from overflow have been constructed. Irrigation water is received from Murphy Slough through the works of Riverdale Irrigation District, this supply being augmented by pumping from wells.

Soils are mainly Merced loam with small areas of Hanford loam. Alfalfa, grain and field crops are grown.

### RECLAMATION DISTRICT No. 807 (UPPER TYLER ISLAND)

**Formation:** Formed under the general reclamation district laws, the petition and order being filed and numbered on April 7, 1910.

**Location:** In Sacramento County, on the east bank of Georgiana Slough in township 4 north, range 4 east, M. D. B. and M.

**Area:** Gross, 202 acres. Net, 192 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** No district fund in county treasurer's office.

One of five districts on Tyler Island with independent works of reclamation. The soils of the upper portion of the island are classified as Sacramento clay loam, whereas the main body is of muck and peat. Bartlett pears, alfalfa, beans and grain are the main crops.

### RECLAMATION DISTRICT No. 811 (BRYTE)

**Formation:** Formed August 5, 1910, under the general reclamation district laws, the petition and order being filed and numbered on August 18, 1910. Includes part of 539.

**Location:** In Yolo County, on the west bank of the Sacramento River, opposite the city of Sacramento, and in township 9 north, range 4 east, M. D. B. and M.

**Area:** Gross, 1069.18 acres. Net, 1015 acres.

**Financial: Bonds—**R. D. No. 811, 6%.

Dated February 1, 1918.

Due serially, 1928–1936, January 1 each year.

Denominations \$1,000, \$500 and \$402.90.

Interest, Jan.-July 1, by Treasurer of Yolo County.

Outstanding, January 2, 1931-----	\$19,000 00
Retired -----	16,000 00
Unissued (unsold and canceled)-----	1,402 90
Authorized -----	\$36,402 90

#### MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930-----	\$23,000			
1931-----	19,000	\$4,000	\$1,140	\$5,140
1932-----	15,000	4,000	900	4,900
1933-----	11,000	4,000	660	4,660
1934-----	7,000	4,000	420	4,420
1935-----	3,000	4,000	180	4,180
1936-----		3,000		3,000
		<u>\$23,000</u>		

Warrants—\$4,651.

**Overlaps:** Sacramento and San Joaquin Drainage District.

**Remarks:** Developed as an urban subdivision.

#### RECLAMATION DISTRICT No. 812 (CONSOLIDATED)

**Formation:** Formed September 2, 1910, under the general reclamation district laws, the petition and order being filed and numbered on September 6, 1910. The consolidated district as formed by the board of supervisors of Kings County was validated by a special act of the State Legislature approved and in effect on April 27, 1911 (Stats. 1911:1157).

**Location:** In Kings County, lying south of Tule River on the east margin of Tulare Lake Basin and being portions of townships 22 and 23 south, range 22 east, M. D. B. and M.

**Area:** Gross, 10,202.84 acres. Net, 9692 acres.

**Financial: Bonds—**None.

Warrants—None.

**Overlaps:** Tulare Lake Basin Water Storage District, Corcoran Irrigation District, and Lakeland Irrigation District.

**Remarks:** Last warrant paid in 1918; credit balance, \$4.72.

District is partially leveed and receives irrigation water from Tulare Lake storage when available.

Soils are lake bed sediments. Grain is the chief crop.

#### RECLAMATION DISTRICT No. 813 (EHRHEARDT CLUB)

**Formation:** Formed under the general reclamation district laws, the petition and order being filed and numbered on September 10, 1910. Includes 433 and part of 254.

**Location:** In Sacramento County, lying between the Southern Pacific Railroad and Snodgrass Slough, and being portions of townships 5 and 6 north, range 4 east, M. D. B. and M.

**Area:** Gross, 2550.76 acres. Net, 2123 acres.

**Financial: Bonds—**None.

Warrants—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** No district fund in treasurer's office. District is protected by a levee along the Sacramento River and by cross levees of adjoining reclamation districts. A portion of the area is occupied by Stone Lake. The soil of the area is classified as Sacramento clay loam. District is largely used for shooting purposes.

#### RECLAMATION DISTRICT No. 816 (JEFFRIES)

**Formation:** Formed October 4, 1910, under the general reclamation district laws, the petition and order being filed and numbered on October 13, 1910.

**Location:** In Colusa County, on the east bank of the Sacramento River, and being a portion of the north half of section 5, township 17 north, range 1 west, M. D. B. and M.

**Area:** Gross, 252.58 acres. Net, 240 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District and Levee District No. 3.

**Remarks:** Operated privately by owner. The district has no works and is protected by the levee system of Levee District No. 3. The soils are classified as Columbia silt loam.

#### RECLAMATION DISTRICT No. 817

**Formation:** Formed November 4, 1910, under the general reclamation district laws, the petition and order being filed and numbered on November 9, 1910.

**Location:** In Yuba County, on the north bank of the Bear River, and being a portion of the Johnson Rancho. Due to the change in location of the Bear River, the southern part of the district extends into Sutter County.

**Area:** Gross, 3120 acres. Net, 2964 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District.

**Remarks:** District is leveed along the Bear River and is protected on the east by the embankment of the Southern Pacific Railroad, on the north by the natural high ground, and on the west by the levees of District No. 784.

Soils are of Columbia fine sandy loam along the Bear River, with small areas of Gridley and San Joaquin loams to the north. Orchard development predominates, with some areas planted to alfalfa and grain.

No fund in treasurer's office.

#### RECLAMATION DISTRICT No. 819 (HERSHEY DISTRICT)

**Formation:** Formed January 3, 1911, under the general reclamation district laws, the petition and order being filed and numbered on January 26, 1911.

**Location:** In Yolo County, lying south of the Sacramento River and at the junction of Knights Landing Ridge Cut with the Yolo By-Pass, and being a portion of the Rancho Rio Jesus Maria.

**Area:** Gross, 884.40 acres. Net, 840 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 6) and Knights Landing Ridge Drainage District.

**Remarks:** No funds in County Treasurer's office. District formed to prevent inclusion in a larger district. Lands all in one ownership. No works of reclamation. Much of the area is uncleared and used for pasturage. Soils of the district are the silt loams of the Columbia series.

## RECLAMATION DISTRICT No. 820

**Formation:** Formed February 6, 1911, under the general reclamation district laws, the petition and order being filed and numbered on February 16, 1911.

**Location:** In Yolo County, at the mouth of Cache Creek in section 12, township 10 north, range 2 east, M. D. B. and M., and being a portion of the Rancho Rio Jesus Maria.

**Area:** Gross, 640 acres. Net, 608 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** None.

**Remarks:** No fund in County Treasurer's office. Portion of east half of district in proposed Cache Creek Settling Basin. Formed without the intervention of trustees. No by-laws recorded.

No district works have been constructed but lands are protected from overflow by levees of adjoining districts.

Soils are classified as Columbia silt loam.

## RECLAMATION DISTRICT No. 821

**Formation:** Formed April 3, 1911, under the general reclamation district laws, the petition and order being filed and numbered on April 8, 1911.

**Location:** In Yolo County at the mouth of Cache Creek and being portions of sections 7, 17 and 18, township 10 north, range 3 east, M. D. B. and M.

**Area:** Gross, 1250 acres. Net, 1188 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District.

**Remarks:** No fund in County Treasurer's office. The southeastern part of the district extends into the Yolo By-Pass. Formed without the intervention of trustees. No by-laws recorded.

Dikes were constructed in the early days, but district is mainly protected by the levees of adjoining districts.

Soils are classified as Columbia silt loam and Columbia fine sandy loam.

## RECLAMATION DISTRICT No. 823 (MARCUSE DISTRICT)

**Formation:** Formed August 7, 1911, under the general reclamation district laws, the petition and order being filed and numbered on August 17, 1911.

**Location:** In Sutter County, extending from the Feather River on the east to the Southern Pacific Railroad on the west, and being a portion of township 13 north, range 3 east, M. D. B. and M.

**Area:** Gross, 2801.35 acres. Net, 2500 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessments No. 6 and No. 7).

**Remarks:** No fund in County Treasurer's office.

Protected from overflow by the levees of Levee District No. 1, the embankment of the Southern Pacific Railroad and a levee along the Yuba River. Majority of area is irrigated from the system of the Garden Highway Orchard Company. Drained by the Chandler Plant of the Sacramento and San Joaquin Drainage District.

The soils of approximately two-thirds of area are classified as Columbia sandy loam and Madera and Gridley loams, the balance, clay loam. The area is in reality an extension of the Sutter County peach belt. District is subdivided and plantings of small orchards have been made. Balance of area is regularly planted to grain.

**RECLAMATION DISTRICT No. 824 (SACRAMENTO SOUTHERN RAILROAD OR FREEPORT DISTRICT)**

**Formation:** Formed September 5, 1911, under the general reclamation district laws, the petition and order being filed and numbered on September 15, 1911.

**Location:** In Sacramento County, on the east bank of the Sacramento River at Freeport and being portions of sections 11, 12, 13, and 14 in township 7 north, range 4 east, M. D. B. and M.

**Area:** Gross, 463 acres. Net, 440 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** The district fund has a credit balance of \$359. The lands of the district are protected from overflow by a river levee of ample height and section, a levee across the northern boundary, the embankment of the Sacramento Drainage Canal on the east and a levee connecting with the river levee on the south. The soils are classified as Sacramento clay loam.

**RECLAMATION DISTRICT No. 825 (W. H. WILBUR)**

**Formation:** Formed October 6, 1911, under the general reclamation district laws, the petition and order being filed and numbered on October 9, 1911. Includes part of S26.

**Location:** Situated on the southern rim of Tulare Lake Basin in Kings County, California. Adjoins Homeland Reclamation District No. 780 on the east and El Riego Reclamation District No. 1618 on the north. It includes all of sections 7, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35 and 36, portions of sections 8 and 9, and the lots on the west of sections 7, 18, 19, 30 and 31, all in township 23 south, range 21 east, M. D. B. and M.

**Area:** Gross, 16,589.60 acres. Net, 15,981.10 acres.

**Financial:** *Bonds*—R. D. No. S25, 6%.

Dated January 1, 1925.

Due serially, 1931-1945, July 1 each year.

Denomination \$1,000.

Interest, Jan.-July 1, by Treasurer of Kings County at Hanford, California.

Outstanding, January 2, 1931	-----	\$440,000 00
Unissued (Early Maturities)	-----	60,000 00

Authorized ----- \$500,000 00

**MATURITIES AND INTEREST**

<i>Year</i>	<i>Outstanding</i>	<i>Maturities</i>	<i>Interest</i>	<i>Total</i>
1933	\$440,000			
1934	420,000	\$20,000	\$25,800	\$45,800
1935	400,000	20,000	24,600	44,600
1936	360,000	40,000	22,800	62,800
1937	320,000	40,000	20,400	60,400
1938	280,000	40,000	18,000	58,000
1939	240,000	40,000	15,600	55,600
1940	200,000	40,000	13,200	53,200
1941	160,000	40,000	10,800	50,800
1942	120,000	40,000	8,400	48,400
1943	80,000	40,000	6,000	46,000
1944	40,000	40,000	3,600	43,600
1945		40,000	1,200	41,200

\$440,000

*Warrants*—None.

**Overlaps:** Tulare Lake Basin Water Storage District.

**Remarks:** No delinquencies. Bonds held by principal landowners.

District is adequately leveed and drained. Two booster pumping plants and a complete system of main canals and laterals has been constructed for

the irrigation of the lands. Water is received from Tulare Lake Canal and lake storage when available.

The soils of the area are composed of recent alluvium lake laid deposits of silt. The chief crop is grain.

#### RECLAMATION DISTRICT No. 827 (ELKHORN)

**Formation:** Formed under the general reclamation district laws, the petition and order being filed and numbered on January 4, 1912. Includes 762.

**Location:** In Yolo County, on the west bank of the Sacramento River, and being portions of sections 2, 3, 10 and 11, township 9 north, range 3 east, and portions of sections 33, 34 and 35, township 10 north, range 3 east, M. D. B. and M.

**Area:** Gross, 1225 acres. Net, 1110 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$9,810.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 6).

**Remarks:** District is adequately leveed and is provided with a well conceived drainage system. Irrigation water is pumped from the Sacramento River.

The soils of the Columbia series cover the entire district. The greater portion of the area is farmed to grain and alfalfa.

#### RECLAMATION DISTRICT No. 828 (WEBER)

**Formation:** Formed March 4, 1912, under the general reclamation district laws, the petition and order being filed and numbered on March 20, 1912. Subdivided into 1300 small lots.

**Location:** In San Joaquin County, adjoining Stockton on the west and lying north of Stockton Channel in township 1 north, range 6 east, M. D. B. and M.

**Area:** Gross, 695 acres. Net, 660 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** There is a small credit balance in the district fund.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 830 (JERSEY ISLAND)

**Formation:** Created by a special act of the State Legislature approved March 11, 1911 (Stats., 1911:342). Boundaries described in the act. Includes 164.

**Location:** In Contra Costa County. An island lying south of the San Joaquin and False rivers in township 2 north, ranges 2 and 3 east, M. D. B. and M.

**Area:** Gross, 3557.50 acres. Net, 3131.85 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$155,941.73.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2)

**Remarks:** An assessment of \$250,000 was levied on December 26, 1929. 80 per cent of the assessment has been called. Lands practically in one ownership.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

**RECLAMATION DISTRICT No. 832**

**Formation:** Created by a special act of the State Legislature approved April 8, 1911 (Stats., 1911:808). District boundaries are described in the act.

**Location:** In Butte and Sutter counties, just north of the Sutter Buttes, and being portions of township 17 north, ranges 1 and 2 east, M. D. B. and M.

**Area:** Gross, 17,400 acres. Net, 16,530 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 6).

**Remarks:** No funds with County Treasurer.

This district was originally formed for the purpose of providing drainage for the area. No levees were required and there are no existing works.

A small area is regularly farmed. The soils of this area are mainly Stockton clay adobe, with a small area of Madera and Gridley clay loams.

**RECLAMATION DISTRICT No. 833**

**Formation:** Created by a special act of the State Legislature approved April 8, 1911 (Stats. 1911:809). Boundaries redefined by an amendment approved May 2, 1921, and in effect July 29, 1921 (Stats. 1921:66). Includes part of 521.

**Location:** In Butte County, contiguous to Gridley and Biggs, and being portions of townships 17 and 18 north, ranges 1, 2 and 3 east, M. D. B. and M.

**Area:** Gross, 38,027.19 acres. Net, 36,134.19 acres.

**Financial:** *Bonds*—R. D. No. 833, 6%, first issue.

Dated July 1, 1922.

Due serially, 1926-1931, July 1 each year.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of Butte County at Oroville, California.

Outstanding, January 2, 1931	-----	\$70,000 00
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Retired	-----	310,000 00
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Authorized	-----	\$380,000 00
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R. D. No. 833, 6%, second issue.

Dated January 1, 1923.

Due serially, 1933-1942, January 1 each year.

Denominations \$1,000 and one bond of \$315.25.

Interest Jan.-July 1, by Treasurer of Butte County at Oroville, California.

Outstanding, January 2, 1931	-----	\$806,000 00
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Unissued	-----	60,315 25
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Authorized	-----	\$866,315 25
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## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930	\$876,000			
1931	806,000	\$70,000	\$50,460	\$126,460
1932	806,000		48,360	48,360
1933	719,000	87,000	43,140	130,140
1934	632,000	87,000	37,920	124,920
1935	545,000	87,000	32,700	119,700
1936	458,000	87,000	27,480	114,480
1937	371,000	87,000	22,260	109,260
1938	284,000	87,000	17,040	104,040
1939	197,000	87,000	11,820	98,820
1940	111,000	86,000	6,660	92,660
1941	25,000	86,000	1,500	87,500
1942		25,000		25,000
		\$876,000		

Warrants—None.

Overlaps: Sacramento and San Joaquin Drainage District (Assessment No. 6).

Remarks: Calls to meet principal and interest are made twice a year, April 1st and October 1st.

The problem of reclamation in this district is one of drainage rather than flood control. A system of main canals and laterals terminating on Butte Creek has been constructed. The control works on Butte Creek provide for the expulsion of 830 second-feet of drainage water by gravity. Irrigation water is provided by the Sutter Butte Canal Company.

The entire area is composed of Stockton clay adobe soil and is farmed to rice.

## RECLAMATION DISTRICT No. 900 (WEST SACRAMENTO)

**Formation:** Created by a special act of the State Legislature approved March 2, 1911. Boundaries described in the act (Stats. 1911:264). Consolidated with Reclamation District No. 742 by an act approved June 16, 1913, and in effect August 10, 1913, which act also provided for liquidation and payment of all outstanding indebtedness of each district (Stats. 1913:950). A portion of district lying south of the south levee excluded by an act approved April 9, 1919, and in effect July 22, 1919 (Stats. 1919:62). Includes a portion of 539.

**Location:** In Yolo County, lying between the Sacramento River and the Yolo By-Pass, in townships 8 and 9 north, range 4 east, M. D. B. and M.

**Area:** Gross, 10,811 acres. Net, 10,187 acres.

**Financial:** Bonds—Yolo R. D. No. 900, 6%.

Dated July 1, 1912.

Due serially, 1921-1940, January 1 each year.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of Yolo County, Woodland, California.

Outstanding, January 2, 1931----- \$509,000 00

Retired ----- 627,000 00

Authorized ----- \$1,136,000 00

Yolo R. D. No. 900, 6%.

Dated July 1, 1914.

Due serially, 1922-1940, January 1 each year.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of Yolo County.

Outstanding, January 2, 1931----- \$174,000 00

Retired ----- 190,000 00

Authorized ----- \$364,000 00

## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930	\$759,000			
1931	683,000	\$76,000	\$40,980	\$116,980
1932	607,000	76,000	36,420	112,420
1933	531,000	76,000	31,860	107,860

Year	Outstanding	Maturities	Interest	Total
1934-----	\$455,000	\$76,000	\$27,300	\$103,300
1935-----	379,000	76,000	22,740	98,740
1936-----	303,000	76,000	18,180	94,180
1937-----	227,000	76,000	13,620	89,620
1938-----	151,000	76,000	9,060	85,060
1939-----	75,000	76,000	4,500	80,500
1940-----		75,000		75,000
		\$759,000		

*Warrants*—\$47,712 plus about \$6,000 accrued interest to July 28, 1930.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** The district fund has a credit balance of \$223.

District is protected from overflow by a system of massive levees and is adequately drained. Irrigation water is supplied from the Sacramento River.

The soils are classified as Columbia fine sandy loams and sands along the river, merging into Columbia silt loams and Sacramento clays to the west. Dairying and the raising of alfalfa are the principal industries. Spinach, tomatoes, corn, beans and grain are also grown.

Urban and residential development has taken place along the river front adjacent to Sacramento.

### RECLAMATION DISTRICT No. 999 (NETHERLANDS)

**Formation:** Created by a special act of the State Legislature approved May 22, 1913, and in effect August 10, 1913 (Stats. 1913:242). Boundaries changed and modified by an act approved April 9, 1919, and in effect July 22, 1919 (Stats. 1919:66). Includes part 146 and 472.

**Location:** In Yolo and Solano counties, extending along the eastern side of Yolo By-Pass and comprising portions of townships 5, 6, 7 and 8 north, ranges 3 and 4 east, M. D. B. and M.

**Area:** Gross, 26,136 acres. Net, 23,336 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$84,134.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** Credit balance of \$5,200 in district fund.

This district is completely protected from overflow by a system of substantial levees constructed well above the estimated high water plane. It is adequately drained and both sub and surface irrigated.

The soils are classified as Columbia silt loams, Sacramento clay loams and Sacramento clays. The chief crops are alfalfa, corn, sugar beets, asparagus and truck. Some orchard development has taken place.

### RECLAMATION DISTRICT No. 1000 (NATOMAS)

**Formation:** Created by special act of the State Legislature approved and in effect on April 8, 1911 (Stats. 1911:835). The district boundaries are described in the act, all acts creating other districts within the described boundaries are repealed and such included districts are dissolved. Consolidated with 1400. Includes 791.

**Location:** In Sacramento and Sutter counties, extending from the Sacramento River on the west to the Western Pacific Railroad on the east, and includes portions of townships 9, 10 and 11 north, ranges 3, 4 and 5 east, M. D. B. and M. Approximately 69% of the district is in Sacramento County and 31% in Sutter County.

**Area:** Gross, 55,129.78 acres. Net, 52,515.36 acres.

**Financial:** *Bonds*—Adjudged a valid legal obligation of the district by decree of the Superior Court in and for Sacramento County on September 30, 1913; September 24, 1917; August 16, 1924, and June 29, 1926.

R. D. No. 1000, 6%, first issue.

Dated January 1, 1913.

Due serially, 1922-1941, January 1 each year.

## DIVISION OF WATER RESOURCES

Denominations \$1,000, \$500, \$100 and one bond for \$344.40.

Interest Jan.-July 1, by Treasurer of Sacramento County.

Outstanding, January 2, 1931-----	\$997,344 40
Retired -----	300,000 00
Refunded -----	700,000 00
Authorized -----	\$1,997,344 40

R. D. No. 1000, 6%, second issue.

Dated July 1, 1917.

Due serially, 1927-1945, January 1 each year.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of Sacramento County.

Outstanding, January 2, 1931-----	\$700,000 00
Refunded -----	300,000 00
Authorized -----	\$1,000,000 00

R. D. No. 1000, 6%, first refunding.

Authorized by district voters March 8, 1924, to refund the 6% issue, dated January 1, 1913, and to be issued as the maturities of the January 1, 1913 issue become due.

Dated January 1, 1924.

Due serially, 1946-1962, January 1 each year.

Denominations \$1,000 and one bond \$344.40.

Interest Jan.-July 1, by Treasurer of Sacramento County.

Outstanding, January 2, 1931-----	\$700,000 00
Unissued -----	997,344 40
Authorized -----	\$1,697,344 40

R. D. No. 1000, 6%, second refunding.

Authorized by district voters March 20, 1926, to refund the issue dated July 1, 1917, and to be issued as the maturities of July 1, 1917, issue become due.

Dated January 1, 1927.

Due serially, 1963-1972, January 1 each year.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of Sacramento County.

Outstanding, January 2, 1931-----	\$300,000 00
Unissued -----	700,000 00
Authorized -----	\$1,000,000 00

Outstanding, January 2, 1931:

Original first issue -----	\$997,344 40
Original second issue -----	700,000 00
First refunding -----	700,000 00
Second refunding -----	300,000 00
Total -----	\$2,697,344 40

Refunding bonds were voted in anticipation of their sale and the use of the proceeds therefrom for the retirement of the maturities of the original issues as they became due. This program has been in effect for the period 1925-1931, inclusive, and its continuance would result in the following annual payments:

## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1945-----	\$2,697,344			
1946-----	2,597,344	\$100,000	\$155,841	\$255,841
1947-----	2,497,344	100,000	149,841	249,841
1948-----	2,397,344	100,000	143,841	243,841
1949-----	2,297,344	100,000	137,841	237,841
1950-----	2,197,344	100,000	131,841	231,841
1951-----	2,097,344	100,000	125,841	225,841
1952-----	1,997,344	100,000	119,841	219,841

Year	Outstanding	Maturities	Interest	Total
1953-----	\$1,897,344	\$100,000	\$113,841	\$213,841
1954-----	1,797,344	100,000	107,841	207,841
1955-----	1,697,344	100,000	101,841	201,841
1956-----	1,597,344	100,000	95,841	195,841
1957-----	1,497,344	100,000	89,841	189,841
1958-----	1,397,344	100,000	83,841	183,841
1959-----	1,297,344	100,000	77,841	177,841
1960-----	1,197,344	100,000	71,841	171,841
1961-----	1,097,344	100,000	65,841	165,841
1962-----	1,000,000	97,344	60,000	157,344
1963-----	900,000	100,000	54,000	154,000
1964-----	800,000	100,000	48,000	148,000
1965-----	700,000	100,000	42,000	142,000
1966-----	600,000	100,000	36,000	136,000
1967-----	500,000	100,000	30,000	130,000
1968-----	400,000	100,000	24,000	124,000
1969-----	300,000	100,000	18,000	118,000
1970-----	200,000	100,000	12,000	112,000
1971-----	100,000	100,000	6,000	106,000
1972-----		100,000		100,000
				\$2,697,344

The district has recently announced, however, that bonds maturing January 1, 1932 (\$100,000 of first issue, \$50,000 of second issue, total \$150,000), will be paid from proceeds derived from a direct assessment levy against the land for this purpose; thus the amount of outstanding bonds appearing in the table above for the year 1945 will change each time the retirement of bonds is effected by direct assessment rather than by sale of refunding bonds. This deviation in plan has been brought about by the depreciated state of the securities market. Whether the district will from 1932 continue to meet maturities by direct assessment, or revert to original refunding plan, will depend upon the future security prices obtainable.

**Warrants**—None.

\$25,808 is on deposit to the credit of the district operation and maintenance fund.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 6).

**Remarks:** The district is surrounded by levees representing the best type of construction and equipped with a most complete and efficient drainage system. Irrigation water is furnished through the operation of pumping plants drawing on the Sacramento River.

Along the river front the district area is well developed to orchards, mostly pears, a large acreage being in alfalfa. Dairying and truck gardening are important industries. Grain is the principal crop of the eastern portion.

Sacramento clays form the central soil body, merging with the Columbia series along the river frontage. A narrow belt of San Joaquin loam extends along the eastern boundary.

### RECLAMATION DISTRICT No. 1001 (NATOMAS)

**Formation:** Created by special act of the State Legislature approved and in effect on April 8, 1911 (Ch. 411, Stats. 1911:831). The district boundaries are described in the act and all reclamation, levee and swamp land districts wholly situated within Reclamation District No. 1001 are dissolved by section 3 of said act. Section 2 of this act was amended so as to change the location of the office of the district to Nicolaus, Sutter County, by an act approved May 26, 1917, and in effect July 27, 1917 (Chap. 617, Stats. 1917:969). Includes Reclamation District No. 818 and part of Reclamation District No. 791.

**Location:** The district extends along the easterly bank of the Feather River in Sutter County and along the easterly bank of the Bear River in Sutter and Placer counties and includes parts of townships 11, 12 and 13 north, ranges 3, 4 and 5 east, M. D. B. and M. Approximately 95.7% of the district lies in Sutter County and 4.3% in Placer County. The towns of Nicolaus, East Nicolaus and Verona are included in and are a part of the district. About 70% of the district lies within the boundaries of Assessment No. 6.

**Area:** Gross, 31,192 acres. Net, 30,135 acres.

**Financial:** *Bonds*—Bonds adjudged a valid legal obligation of the district by decree of the Superior Court for Sutter County on July 17, 1917, and March 3, 1924.

R. D. No. 1001, 6%, first issue.

Dated July 1, 1917.

Due serially, 1922-1937, July 1 each year.

Denominations \$1,000, \$500.

Interest Jan.-July 1, by Treasurer of Sutter County, Yuba City, California.

Outstanding, January 2, 1931	\$219,000 00
Retired	121,000 00
Refunded	160,000 00
Authorized	\$500,000 00

R. D. No. 1001, 6%, second issue.

Dated January 1, 1922.

Due serially, 1938-1950, January 1 each year.

Denominations \$1,000 and one bond of \$695.

Interest Jan.-July 1, by Treasurer of Sutter County.

Outstanding and authorized, January 2, 1931	\$457,695 00
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R. D. No. 1001, refunding, 6% (to refund first issue).

Dated January 1, 1924.

Due serially 1951-1964, January 1 each year.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of Sutter County.

Outstanding, January 2, 1931	\$160,000 00
Unissued	283,000 00
Authorized	\$443,000 00

Outstanding, January 2, 1931:

First issue	\$219,000 00
Second issue	457,695 00
Refunding issue	160,000 00
Total	\$836,695 00

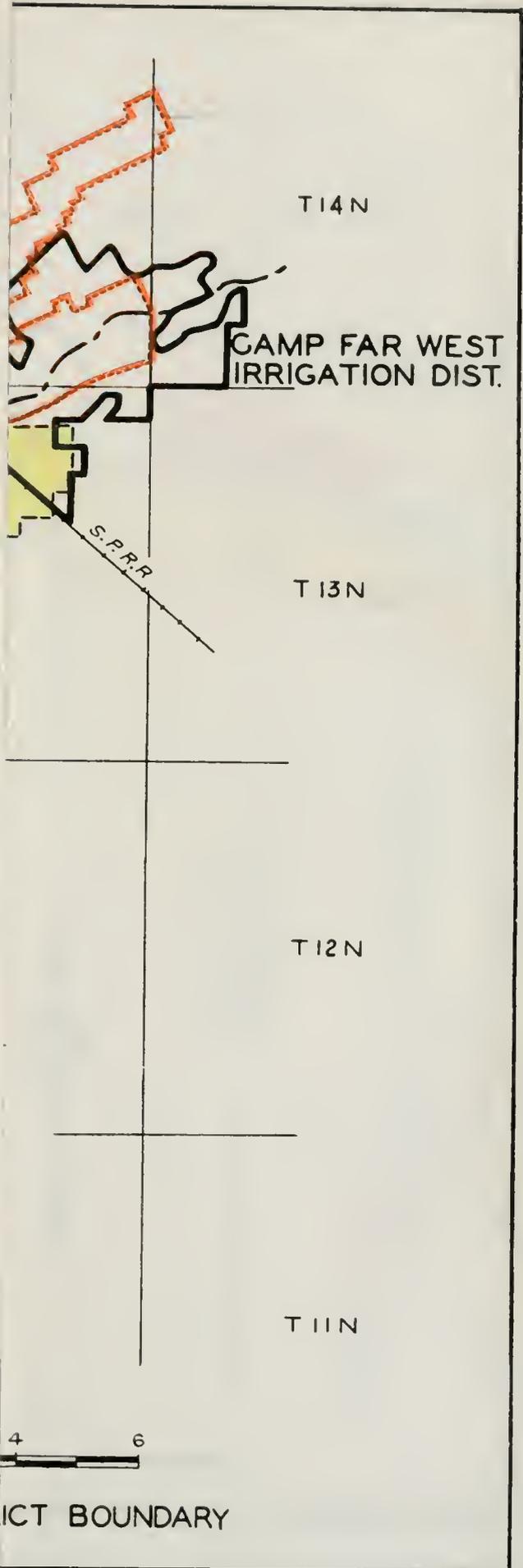
Refunding bonds were voted in anticipation of their sale and the use of the proceeds therefrom for the retirement of maturities of the original issue as they became due. This program was put into effect and refunding bonds to the amount of \$160,000 were issued. Since this date, however, bonds of the original issue have been retired from the proceeds derived from a direct assessment levied against the land for this purpose. If no further refunding bonds are issued, the following annual payments will be in effect:

#### MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930	\$836,695			
1931	804,695	\$32,000	\$49,242	\$81,242
1932	772,695	32,000	47,322	79,322
1933	740,695	32,000	45,402	77,402
1934	708,695	32,000	43,482	75,482
1935	676,695	32,000	41,562	73,562
1936	644,695	32,000	39,642	71,642
1937	612,695	27,000	37,872	64,872
1938	581,000	36,695	34,860	71,555
1939	545,000	36,000	32,700	68,700
1940	509,000	36,000	30,540	66,540
1941	473,000	36,000	28,380	64,380
1942	437,000	36,000	26,220	62,220
1943	401,000	36,000	24,060	60,060
1944	365,000	36,000	21,900	57,900
1945	329,000	36,000	19,740	55,740
1946	293,000	36,000	17,580	53,580
1947	257,000	36,000	15,420	51,420
1948	221,000	36,000	13,260	49,260
1949	185,000	36,000	11,100	47,100
1950	160,000	25,000	9,600	34,600
1951	128,000	32,000	7,680	39,680
1952	96,000	32,000	5,760	37,760
1953	64,000	32,000	3,840	35,840
1954	32,000	32,000	1,920	33,920
1955		32,000		32,000

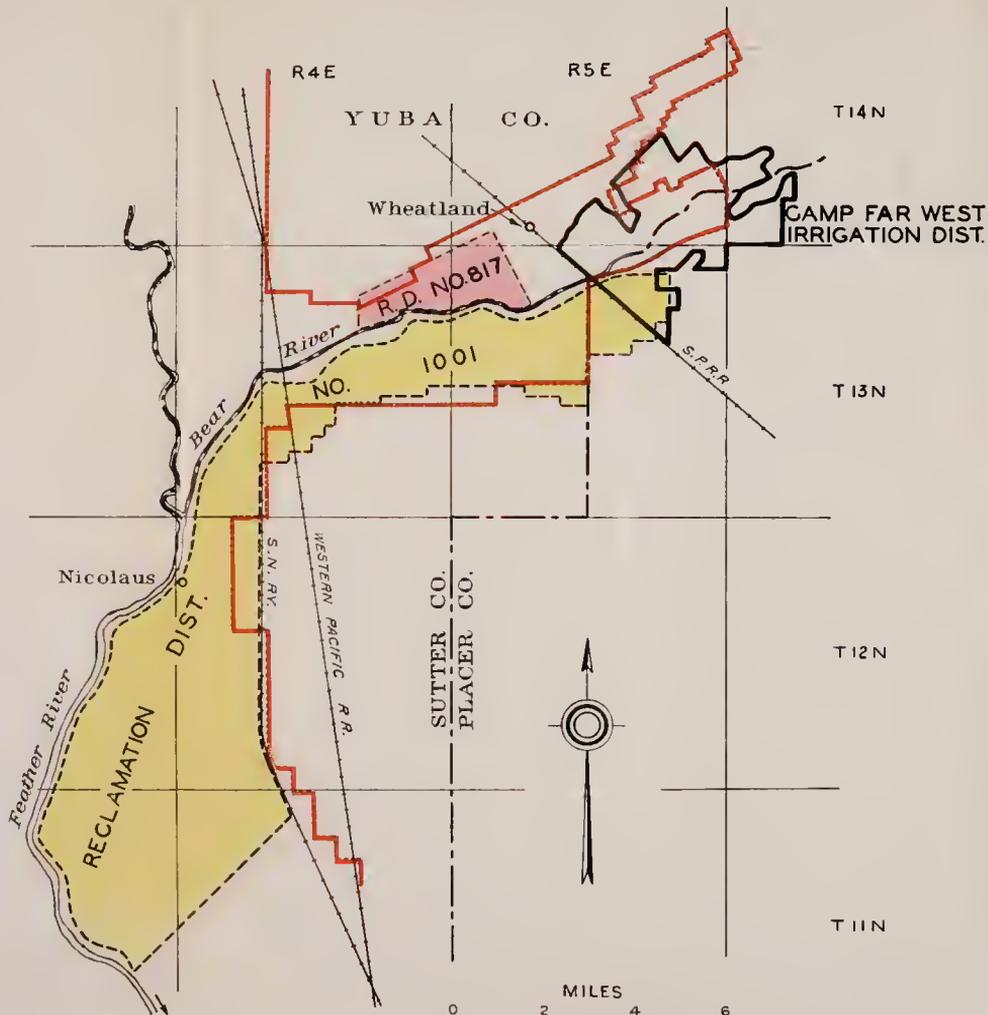
\$836,695

Warrants—\$1,700 (January 2, 1931).



ICT BOUNDARY

Drainage Districts



--- SACRAMENTO-SAN JOAQUIN DRAINAGE DISTRICT BOUNDARY



**Overlaps:** Sacramento and San Joaquin Drainage District (Assessments Nos. 6 and 7) and Camp Far West Irrigation District.

**Remarks:** District fund has a credit balance of \$22,796.

The district is entirely reclaimed from overflow by substantial levees and is provided with a well conceived drainage system. Several irrigation pumping plants are located on the Feather River. Irrigation wells and pumping plants have been installed in the Bear River section.

The Columbia soils are found in a continuous belt along the Feather and Bear rivers, Sacramento clays in the central area, and Stockton clay adobes and Madera clay loam in the east and north.

The area along the river is marked with well developed orchards, vineyards and alfalfa fields, while grain and beans are the principal crops of the central and bench lands.

#### RECLAMATION DISTRICT No. 1002

**Formation:** Formed May 6, 1912, under the general reclamation district laws, the petition and order being filed and numbered on May 7, 1912.

**Location:** In Sacramento County, lying between the Southern Pacific and Western Pacific railways in township 5 north, ranges 4 and 5 east, M. D. B. and M.

**Area:** Gross, 6860.48 acres. Net, 6399.70 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$21,010.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** District fund has a credit balance of \$880.

The area is leveed to prevent overflow of Stone Lake. Soils are classified as Sacramento clay loam in the western area, a strip of Columbia silt loam in the central area and Alamo clay adobe in the east.

#### RECLAMATION DISTRICT No. 1003 (FRESNO-KINGS)

**Formation:** Formed March 12, 1912, under the general reclamation district laws, the petition and order being filed and numbered on May 9, 1912.

**Location:** In Fresno and Kings counties, surrounded by Kings River, Dutch John Cut and Cole Slough, and being portions of township 17 south, ranges 22 and 21 east, M. D. B. and M., in the Rancho Laguna de Tache.

**Area:** Gross, 1615.40 acres. Net, 1541.42 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** None.

**Remarks:** Forty-one per cent of the last assessment levied (\$25,000) has been called and collected. District fund shows a slight credit balance.

Dikes of sufficient height to prevent overflow at high water stages have been constructed. Ground water table is high and portions of the area are spotted with alkali. Soils are classed as Hanford fine sandy loam. The development is chiefly in vines, field crops and alfalfa.

#### RECLAMATION DISTRICT No. 1004 (MOULTON)

**Formation:** Formed July 2, 1912, under general reclamation district laws. Certified copy of petition and order filed with the Register of the State Land Office on July 12, 1919. Formation validated by special act of the State Legislature approved January 24, 1921, and in effect July 29, 1921 (Chap. 19, Stats. 1921:16). All proceedings of the district trustees and of the county board of supervisors, including all proceedings relating to the inclusion of additional lands within the district and to the issuance of bonds of said district were validated and the district boundaries were described in this act. Includes parts of Reclamation Districts Nos. 68, 87, 115, 225 and 253.

**Location:** District No. 1004 occupies the east half of that portion of Colusa County which lies between the Sacramento River and Butte Creek, in townships 16,



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**Overlaps:** Sacramento and San Joaquin Drainage District (Assessments Nos. 6 and 7) and Camp Far West Irrigation District.

**Remarks:** District fund has a credit balance of \$22,796.

The district is entirely reclaimed from overflow by substantial levees and is provided with a well conceived drainage system. Several irrigation pumping plants are located on the Feather River. Irrigation wells and pumping plants have been installed in the Bear River section.

The Columbia soils are found in a continuous belt along the Feather and Bear rivers, Sacramento clays in the central area, and Stockton clay adobes and Madera clay loam in the east and north.

The area along the river is marked with well developed orchards, vineyards and alfalfa fields, while grain and beans are the principal crops of the central and bench lands.

#### RECLAMATION DISTRICT No. 1002

**Formation:** Formed May 6, 1912, under the general reclamation district laws, the petition and order being filed and numbered on May 7, 1912.

**Location:** In Sacramento County, lying between the Southern Pacific and Western Pacific railways in township 5 north, ranges 4 and 5 east, M. D. B. and M.

**Area:** Gross, 6860.48 acres. Net, 6399.70 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$21,010.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** District fund has a credit balance of \$880.

The area is leveed to prevent overflow of Stone Lake. Soils are classified as Sacramento clay loam in the western area, a strip of Columbia silt loam in the central area and Alamo clay adobe in the east.

#### RECLAMATION DISTRICT No. 1003 (FRESNO-KINGS)

**Formation:** Formed March 12, 1912, under the general reclamation district laws, the petition and order being filed and numbered on May 9, 1912.

**Location:** In Fresno and Kings counties, surrounded by Kings River, Dutch John Cut and Cole Slough, and being portions of township 17 south, ranges 22 and 21 east, M. D. B. and M., in the Rancho Laguna de Tache.

**Area:** Gross, 1615.40 acres. Net, 1541.42 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** None.

**Remarks:** Forty-one per cent of the last assessment levied (\$25,000) has been called and collected. District fund shows a slight credit balance.

Dikes of sufficient height to prevent overflow at high water stages have been constructed. Ground water table is high and portions of the area are spotted with alkali. Soils are classed as Hanford fine sandy loam. The development is chiefly in vines, field crops and alfalfa.

#### RECLAMATION DISTRICT No. 1004 (MOULTON)

**Formation:** Formed July 2, 1912, under general reclamation district laws. Certified copy of petition and order filed with the Register of the State Land Office on July 12, 1919. Formation validated by special act of the State Legislature approved January 24, 1921, and in effect July 29, 1921 (Chap. 19, Stats. 1921:16). All proceedings of the district trustees and of the county board of supervisors, including all proceedings relating to the inclusion of additional lands within the district and to the issuance of bonds of said district were validated and the district boundaries were described in this act. Includes parts of Reclamation Districts Nos. 68, 87, 115, 225 and 253.

**Location:** District No. 1004 occupies the east half of that portion of Colusa County which lies between the Sacramento River and Butte Creek, in townships 16,

17 and 18 north, range 1 west, M. D. B. and M. That part of the district which extends into Glenn County contains 480 acres, more or less, and is described as the north half of section 26 and the northeast quarter of section 27, township 18 north, range 1 west, M. D. B. and M., which amounts to about 2% of the entire area of the district.

**Area:** Gross, 23,282.68 acres. Net, 22,060 acres.

**Financial: Bonds—**R. D. No. 1004, 6%.

Dated January 5, 1921.

Due serially, 1931-1938, January 1 each year.

Denomination \$1,000.

Interest Jan.-July 1, at office of county treasurer, Colusa, California.

Outstanding, January 2, 1931----- \$470,000 00

Retired ----- 80,000 00

Authorized ----- \$550,000 00

#### MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930-----	\$550,000			
1931-----	470,000	\$80,000	\$28,200	\$108,200
1932-----	401,000	69,000	24,060	93,060
1933-----	332,000	69,000	19,920	88,920
1934-----	263,000	69,000	15,780	84,780
1935-----	194,000	69,000	11,640	80,640
1936-----	125,000	69,000	7,500	76,500
1937-----	56,000	69,000	3,360	72,360
1938-----		56,000		56,000
		\$550,000		

**Warrants—**\$11,094 (August 30, 1931).

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 6).

**Remarks:** The district fund has a credit balance of \$2,368.40, which, together with Assessment No. 9 in the amount of \$12,000, called August 30, 1930, and delinquent October 30, 1930, will pay off the warrants. Bond and interest fund, \$5,182.66.

The problem of this district is one of drainage rather than flood control. A system of canals has been constructed with gravity outlets into Butte Creek and Sacramento River. The irrigation system of the old Moulton Water Company has been taken over by the district.

The soils of the district consist in the main of Sacramento clay loam, with Columbia silt loam along the western boundary. The northern area is largely in rice. The southern area produces good crops of beans, corn and some alfalfa. Overflow from Butte Creek and Moulton Weir during extreme flood periods limits the range of agricultural operation on a considerable portion of the district.

#### RECLAMATION DISTRICT No. 1005

**Formation:** Formed October 8, 1912, under the general reclamation district laws, the certified petition being filed with Register on October 31, 1912.

**Location:** In Colusa County on the easterly bank of the Sacramento River, about one mile north of Colusa. Includes portions of sections 16, 17 and 20 in township 16 north, range 1 west, M. D. B. and M.

**Area:** Gross, 587.75 acres. Net, 558 acres.

**Financial: Bonds—**None.

**Warrants—**None.

**Overlaps:** Sacramento and San Joaquin Drainage District and Glenn County Levee District No. 3.

**Remarks:** No fund in treasurer's office. Approximately 2000 feet of the river frontage of the district occupies the site of the proposed Colusa Weir. Lands practically in one ownership. There is no back levee and no provision has

been made for drainage. Irrigation water is pumped from the Sacramento River. The soils of the area are of the Columbia series. The principal crop is grain.

#### RECLAMATION DISTRICT No. 1007 (PICO AND NAGLEE)

**Formation:** Formed February 8, 1913, under the general reclamation district laws, the petition and order being filed and numbered on March 12, 1913.

**Location:** In San Joaquin County, lying south of Old River in township 2 south, ranges 4 and 5 east, M. D. B. and M., and being a portion of the Rancho El Pescadero.

**Area:** Gross, 6089.77 acres. Net, 5785 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2) and Naglee Burk Irrigation District.

**Remarks:** There is a small credit balance in the district fund. No warrants have been issued since 1922.

This district is leveed along Old River and Tom Paine Slough, with connecting dikes to the higher ground to the south. Irrigation water is taken from Tom Paine Slough.

The soils are almost entirely composed of Sacramento clay loam. Alfalfa and grain are the chief crops.

#### RECLAMATION DISTRICT No. 1009

**Formation:** Formed October 8, 1912, under the general reclamation district laws, the petition and order being filed and numbered on March 22, 1913.

**Location:** In Yolo County, at the junction of the Yolo and Sacramento by-passes in township 9 north, ranges 2 and 3 east, M. D. B. and M.

**Area:** Gross, 442.80 acres. Net, 421 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District.

**Remarks:** No funds in county treasurer's office. District is privately operated.

The lands are protected on the north by the south embankment of the Sacramento By-Pass, on the east by the back levee of District No. 537, on the south by the Southern Pacific Railroad embankment and on the west by east embankment of the Yolo Basin By-Pass.

The soils are classified as Columbia silt loams and Columbia fine sandy loams. This area, formerly in hops, is now planted to alfalfa and Bartlett pears.

#### RECLAMATION DISTRICT No. 1500 (SUTTER BASIN)

**Formation:** Created by special act of the State Legislature approved April 30, 1913, and in effect August 10, 1913 (Chap. 100, Stats. 1913:130). In section 1 of this act a detail description of the district boundaries is given. The act provides for the management and control of the district and the dissolution of all levee, swamp land and reclamation districts wholly within Reclamation District No. 1500. Amendments to the act were passed in 1915, 1917 and 1925 (Chap. 589, Stats. 1915:1027, and Chap. 615, Stats. 1917:966). Includes Reclamation Districts Nos. 804, 69, 792, 793, 796 and 810.

**Location:** Includes that part of Sutter County lying south of Tisdale By-Pass between the Sacramento River and Sutter By-Pass. The district comprises portions of townships 11, 12, 13 and 14 north, ranges 1, 2 and 3 east, M. D. B. and M.

**Area:** Gross, 67,850 acres. Net, 63,694 acres.

**Financial: Bonds—R. D. No. 1500, 6%.**

Original issue of \$4,952,986.78 was as of January 2, 1931, retired or refunded with the exception of \$107,000 in various amounts and maturities running to and including 1940.

Dated January 1, 1920.

Due serially, 1930-1940, January 1 each year.

Denomination \$1,000 and one bond for \$986.78.

Interest Jan.-July 1, by Treasurer of Sutter County, Yuba City, California.

Outstanding, January 2, 1931	\$107,000 00
Retired or refunded	4,845,986 78

Authorized	\$4,952,986 78
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**R. D. No. 1500, 6% refunding:**

Dated January 1, 1930.

Due serially, January 1 each year, 1941-1962.

Denomination \$1,000, \$500 and one bond of \$986.78.

Interest Jan.-July 1, by Treasurer of Sutter County, Yuba City, California.

Outstanding, January 2, 1931	\$4,769,986 78
Retired	9,000 00

Authorized	\$4,778,986 78
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**Outstanding, January 2, 1931:**

Original issue	\$107,000 00
Refunding issue	4,769,986 78

Total	\$4,876,986 78
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**MATURITIES AND INTEREST**

Year	Outstanding	Maturities	Interest	Total
1930	\$4,894,987			
1931	4,876,987	\$18,000	\$292,619	\$310,619
1932	4,874,987	2,000	292,499	294,499
1933	4,869,987	5,000	292,199	297,199
1934	4,844,987	25,000	290,699	315,699
1935	4,835,987	9,000	290,159	299,159
1936	4,819,987	16,000	289,199	305,199
1937	4,811,987	8,000	288,719	296,719
1938	4,799,987	12,000	287,999	299,999
1939	4,782,987	17,000	286,979	303,979
1940	4,769,987	13,000	286,199	299,199
1941	4,535,987	234,000	272,159	506,159
1942	4,300,987	235,000	258,059	493,059
1943	4,056,487	214,500	245,189	459,689
1944	3,871,987	214,500	232,319	446,819
1945	3,648,987	223,000	218,939	441,939
1946	3,425,987	223,000	205,559	428,559
1947	3,205,487	220,500	192,329	412,829
1948	2,984,987	220,500	179,099	399,599
1949	2,774,487	210,500	166,469	376,969
1950	2,563,987	210,500	153,839	364,339
1951	2,346,487	217,500	140,789	358,289
1952	2,128,987	217,500	127,739	345,239
1953	1,914,987	214,000	114,899	328,899
1954	1,700,987	214,000	102,059	316,059
1955	1,481,987	219,000	88,919	307,919
1956	1,262,987	219,000	75,779	294,779
1957	1,051,987	211,000	63,119	274,119
1958	840,987	211,000	50,459	261,459
1959	626,987	214,000	37,619	251,619
1960	412,987	214,000	24,779	238,779
1961	202,487	210,500	12,149	222,649
1962		202,487		202,487
		\$4,894,987		

Warrants—\$94,000 (January 2, 1931).

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 6).

**Remarks:** District holds warrants of the Sacramento and San Joaquin Drainage District in the principal amount of \$1,000,000 with additional claims pending.

Levee system has been constructed as to cross-section and height in excess of estimated requirements. Drainage is provided by a well conceived system

of main drains and laterals terminating at a pumping plant consisting of a battery of six 50-inch pumps discharging into the Sutter By-Pass. In addition to the pumping plant, gravity control works permit the expulsion of drainage waters when the water stage is sufficiently low. Irrigation is in the main furnished by the Sutter Mutual Water Company operating a system of pumping plants and canals.

Two main soil types exist: Columbia soils forming an irregular belt along the river and Sacramento clays the remainder and majority of the area.

Practically all of the lands are under cultivation to grain, beans, sugar beets, corn and rice, there being also small areas in alfalfa, trees and miscellaneous crops.

**RECLAMATION DISTRICT No. 1600 (MULL DISTRICT)**

**Formation:** Created by a special act of the State Legislature approved May 26, 1913, and in effect August 10, 1913 (Chap. 195, Stats. 1913:338). The district boundaries are described in section 1 of this act. Section 2, relating to management and control, was amended in 1919 (Chap. 312, Stats. 1919:514).

**Location:** Located in Yolo County, lying between the Sacramento River and the Yolo By-Pass, and includes parts of townships 10 and 11 north, range 3 east, M. D. B. and M.

**Area:** Gross, 6924.50 acres. Net, 6082 acres.

**Financial: Bonds**—R. D. No. 1600, 6%.

Dated January 1, 1918.

Due serially, 1928-1937, January 1 each year.

Denominations \$1,000, \$500.

Interest Jan.-July 1, by Treasurer of Yolo County, Woodland, California.

Outstanding and authorized, January 2, 1931-----	\$165,000 00
Retired -----	110,000 00

Authorized -----	\$275,000 00
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R. D. No. 1600, 6%.

Dated January 1, 1924.

Due serially, 1938-1947, January 1 each year.

Redeemable, earliest maturity first, on any interest date at 102.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of Yolo County, Woodland, California.

Outstanding and authorized, January 2, 1931-----	\$300,000 00
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**MATURITIES AND INTEREST**

Year	Outstanding	Maturities	Interest	Total
1930-----	\$492,500			
1931-----	465,000	\$27,500	\$27,900	\$55,400
1932-----	437,500	27,500	26,250	53,750
1933-----	410,000	27,500	24,600	52,100
1934-----	382,500	27,500	22,950	50,450
1935-----	355,000	27,500	21,300	48,800
1936-----	327,500	27,500	19,650	47,150
1937-----	300,000	27,500	18,000	45,500
1938-----	270,000	30,000	16,200	46,200
1939-----	240,000	30,000	14,400	44,400
1940-----	210,000	30,000	12,600	42,600
1941-----	180,000	30,000	10,800	40,800
1942-----	150,000	30,000	9,000	39,000
1943-----	120,000	30,000	7,200	37,200
1944-----	90,000	30,000	5,400	35,400
1945-----	60,000	30,000	3,600	33,600
1946-----	30,000	30,000	1,800	31,800
1947-----		30,000		30,000
		\$492,500		

Warrants—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 6).

**Remarks:** District operates upon a cash basis. Assessments not made annually, but as the need arises. First assessment was spread upon 6923.09 acres.

There were 6924.50 acres included in the second assessment, with 120.68 acres not benefited, which left a net area of 6803.82 acres assessed.

Adequate levees surround the district and drainage is provided by a central canal terminating at a pumping plant located at the old "Butcher Break." Irrigation water is provided from pumping plants on the Sacramento River.

The soils of the entire area are the silt and sandy loams of the Columbia series. The greater portion of the district is planted to grain. A portion of the district is in orchards and truck and forage crops are raised.

#### RECLAMATION DISTRICT No. 1601 (TWITCHELL ISLAND)

**Formation:** Formed under the general reclamation district laws, the petition and order being filed and numbered on January 12, 1914. Includes Nos. 117 and 559.

**Location:** In Sacramento County, being an island bounded by the San Joaquin River and Sevenmile Slough and lying in township 3 north, range 3 east, M. D. B. and M.

**Area:** Gross, 3630.65 acres. Net, 3516 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$22,866.27.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** There is a credit balance of \$2,170 in the district fund.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 1602 (DEL PUERTO)

**Formation:** Formed January 13, 1914, under the general reclamation district laws, the petition and order being filed and numbered on January 21, 1914.

**Location:** In Stanislaus County, comprising 105 lots in a resubdivision of a part of Patterson Colony in townships 5 and 6 south, range 8 east, M. D. B. and M.

**Area:** Gross, 1494.68 acres. Net, 1420 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** None.

**Remarks:** No district fund in treasurer's office.

Dikes of sufficient height to prevent overflow had been constructed prior to formation.

Land has been subdivided and sold in small holdings. Soils are of the Madera and San Joaquin sandy loams. Chief crops are garden truck and melons.

#### RECLAMATION DISTRICT No. 1604 (TURLOCK GARDENS)

**Formation:** Formed February 11, 1914, under the general reclamation district laws, the petition and order being filed and numbered on April 9, 1914.

**Location:** In Stanislaus County, on the east bank of the San Joaquin River, and being a portion of township 5 south, range 8 east, M. D. B. and M.

**Area:** Gross, 3960 acres. Net, 3762 acres.

**Financial:** *Bonds*—Bonds adjudged a valid legal obligation of this district by decree of the Superior Court in and for Stanislaus County.

R. D. No. 1604, 6%.

Dated July 1, 1918.

Due serially, 1928-1937, January 1 each year.

Denominations \$1,000 and one bond of \$200.

Interest Jan.-July 1, by Treasurer of Stanislaus County.

Outstanding, January 2, 1931----- \$69,200 00

Retired ----- 52,000 00

Authorized ----- \$121,200 00

MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930-----	\$82,200			
1931-----	69,200	\$13,000	\$4,152	\$17,152
1932-----	56,200	13,000	3,372	16,372
1933-----	43,200	13,000	2,592	15,592
1934-----	30,200	13,000	1,812	14,812
1935-----	17,200	13,000	1,032	14,032
1936-----	4,200	13,000	252	13,252
1937-----		4,200		4,200
		<u>\$82,200</u>		

Warrants—None.

Overlaps: Sacramento and San Joaquin Drainage District and Turlock Irrigation District.

Remarks: Assessment of \$2,413.62 called January 1, 1930, paid in.

The lands of the district are completely levied and adequately drained. Portion of area receives irrigation water from Turlock Irrigation District. Soils are of the Madera and San Joaquin sandy loams. Greater portion of district is in field crops and garden truck.

RECLAMATION DISTRICT No. 1605 (STINSON-BURRELL)

Formation: Formed March 13, 1914, under the general reclamation district laws, the petition and order being filed and numbered on April 27, 1914.

Location: In Fresno County, on Fresno Slough, and being portions of township 16 south, ranges 17 and 18 east, M. D. B. and M., and portion of township 17 south, range 18 east, M. D. B. and M.

Area: Gross, 19,033.55 acres. Net, 18,919.08 acres.

Financial: Bonds—Bonds adjudged a valid legal obligation of the district by decree of the Superior Court in and for Fresno County on August 3, 1916. Bonds in default as of January 1, 1929.

R. D. No. 1605, 6%.

Dated May 1, 1916.

Due serially, 1926-1935, Jan. 1, \$21,000 each year.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of Fresno County.

Outstanding, January 2, 1931----- \$92,000 00

Retired ----- 118,000 00

Authorized ----- \$210,000 00

Warrants—\$59,609.

Overlaps: Portions of James and Stinson Irrigation Districts.

Remarks: As of January 1, 1931, no definite plan of reorganization had been adopted. A refunding bond issue was voted by the district in December, 1927, totaling \$151,000, to cover all bonds then outstanding. The refunding was not completed and no refunding bonds have been issued to date. Approximately 7000 acres have been cleared of the bond lien by purchase of bonds by land owners for payment of assessments.

Dikes of sufficient height to protect the lands from overflow have been constructed. Irrigation is received from the works of the Stinson Irrigation District consisting of the properties of the old Stinson Canal and Irrigation Company and more recently constructed wells electrically equipped.

The soils are mainly composed of Merced loams and clay loams. Grain, cotton and alfalfa are the chief crops.

## RECLAMATION DISTRICT No. 1606 (JAMES)

**Formation:** Formed May 9, 1914, under the general reclamation district laws, the petition and order being filed and numbered on May 11, 1914.

**Location:** In Fresno County, on Fresno Slough, and being portions of townships 14, 15 and 16 south, range 16 east, M. D. B. and M., and portion of township 15 south, range 17 east, M. D. B. and M.

**Area:** Gross, 18,750.89 acres. Net, 18,613.40 acres.

**Financial: Bonds**—Adjudged a valid legal obligation of the district by decree of the Superior Court in and for Fresno County signed on January 12, 1915, Case No. 17,808. Bonds are in default as of July 1, 1926.

R. D. No. 1606, 6%.

Dated December 1, 1914.

Due serially, 1923–1942, July 1, \$30,000 each year.

Outstanding, January 2, 1931..... \$443,000 00

Retired ..... 125,000 00

Unissued (1941–42 maturities)..... 32,000 00

Authorized ..... \$600,000 00

Warrants—\$2,800.

**Overlaps:** James Irrigation District.

**Remarks:** In accordance with the bondholders' protective agreement dated October 15, 1927, about 76% of the district bonds are on deposit as of November 10, 1930. The committee's plan of reorganization is complicated by defaults in the overlapping irrigation and school district bonds and delinquencies in county taxes. The James Irrigation District Committee has purchased their delinquent tax lands which prevents the Reclamation District Committee from securing title thereto as a basis for their operations. The five-year period of redemption for lands sold to the State expiring next year, will necessitate a determination of or agreement as to the priority of liens.

Dikes of sufficient height have been constructed to prevent overflow of the lands. The district was originally dependent for irrigation water upon gravity flow from Fresno Slough and Kings River. This supply having been found inadequate, wells were drilled to supplement the former.

The soils are classified mainly as Merced loams. The chief crops are grain, grapes, deciduous fruits, cotton and alfalfa.

## RECLAMATION DISTRICT No. 1607 (VAN SICKLE ISLAND)

**Formation:** Formed May 28, 1914, under the general reclamation district laws, the petition and order being filed and numbered on June 13, 1914. Includes 313.

**Location:** In Solano County, being an island lying west of the junction of the Sacramento and San Joaquin rivers in township 3 north, range 1 east, M. D. B. and M.

**Area:** Gross, 2361.57 acres. Net, 2244 acres.

**Financial: Bonds**—None.

Warrants—None.

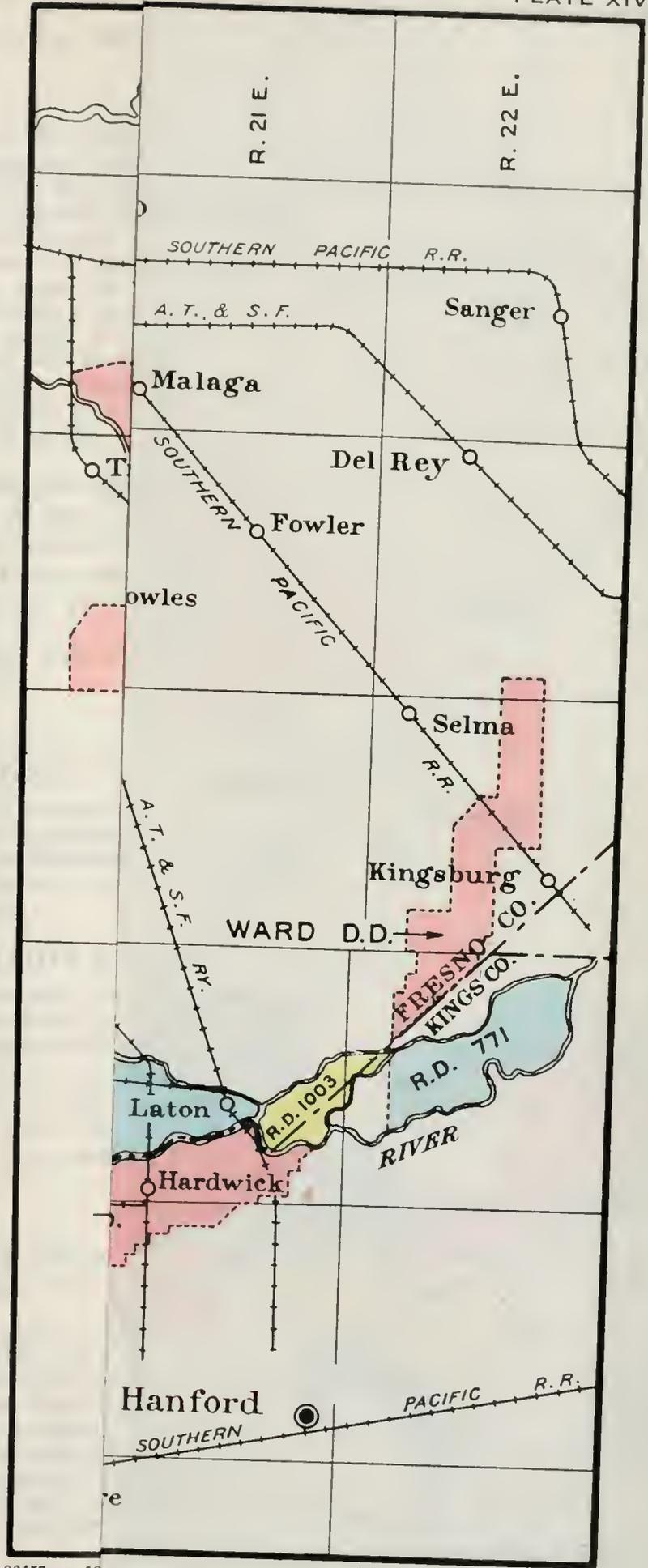
**Overlaps:** None.

**Remarks:** No fund in treasurer's office. Owner secured title as result of litigation and foreclosure. District indebtedness canceled April 24, 1924. Reclamation works are chiefly maintained by rentals from gun clubs. Two assessments have been called and paid. Some grain is grown.

## RECLAMATION DISTRICT No. 1608 (SMITH)

**Formation:** Formed July 13, 1914, under the general reclamation district laws, the petition and order being filed and numbered on July 20, 1914. Includes parts of 162 and 221.

**Location:** In San Joaquin County northwest of Stockton, and being portions of sections 19, 20 and 30, township 2 north, range 6 east, M. D. B. and M.





**Area:** Gross, 990.30 acres. Net, 940 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** No fund in treasurer's office. Operates on a cash basis.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross-section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 1609 (HARVEY)

**Formation:** Formed July 29, 1914, under the general reclamation laws, the petition and order being filed and numbered July 29, 1914. Includes part of 71.

**Location:** In Sacramento County, adjoining the north bank of the Mokelumne River and Dry Creek and being portions of townships 4 and 5 north, range 5 east, M. D. B. and M.

**Area:** Gross, 1886.30 acres. Net, 1792 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2), Cosumnes Drainage District.

**Remarks:** No district fund in treasurer's office.

District is entirely surrounded by levees for protection against overflow from the waters of the Mokelumne River and Dry Creek.

Soils are mainly Madera loams, with a comparatively small area of Columbia silt loams on the east.

#### RECLAMATION DISTRICT No. 1614 (SMITH)

**Formation:** Formed November 4, 1914, under the general reclamation district laws, the petition and order being filed and numbered on October 14, 1915. Includes 561. Additional lands included by trustees on October 15, 1915.

**Location:** In San Joaquin County, west of Stockton at the junction of the San Joaquin and Calaveras rivers, and being portions of townships 1 and 2 north, range 6 east, M. D. B. and M.

**Area:** Gross, 1773 acres. Net, 1444.08 acres.

**Financial:** *Bonds*—None.

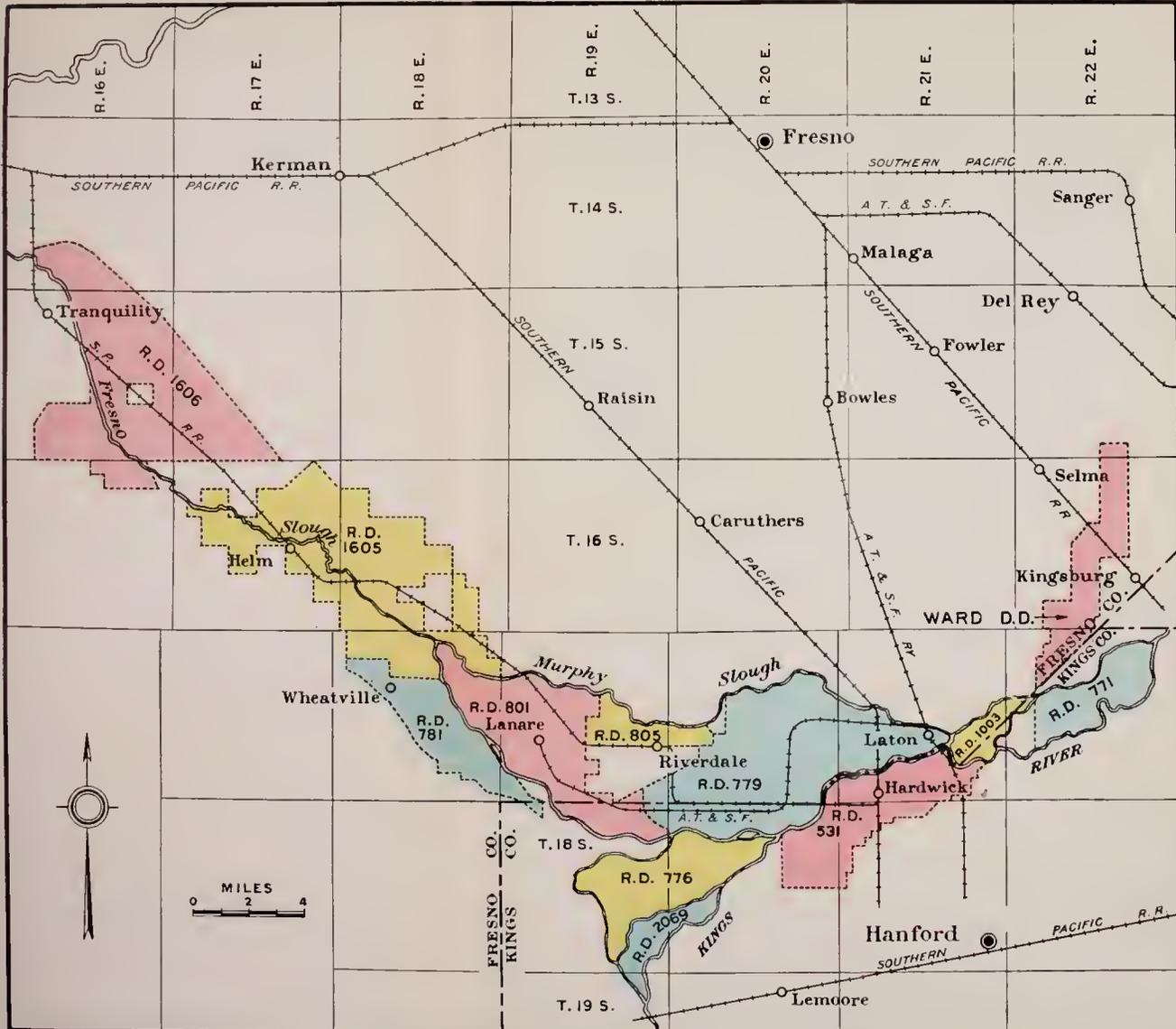
*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** The district fund has a small credit balance and operates upon a cash basis.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross-section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.



Reclamation and Drainage Districts in the Kings River Delta

**Area:** Gross, 990.30 acres. Net, 940 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** No fund in treasurer's office. Operates on a cash basis.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross-section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 1609 (HARVEY)

**Formation:** Formed July 29, 1914, under the general reclamation laws, the petition and order being filed and numbered July 29, 1914. Includes part of 71.

**Location:** In Sacramento County, adjoining the north bank of the Mokelumne River and Dry Creek and being portions of townships 4 and 5 north, range 5 east, M. D. B. and M.

**Area:** Gross, 1886.30 acres. Net, 1792 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2), Cosumnes Drainage District.

**Remarks:** No district fund in treasurer's office.

District is entirely surrounded by levees for protection against overflow from the waters of the Mokelumne River and Dry Creek.

Soils are mainly Madera loams, with a comparatively small area of Columbia silt loams on the east.

#### RECLAMATION DISTRICT No. 1614 (SMITH)

**Formation:** Formed November 4, 1914, under the general reclamation district laws, the petition and order being filed and numbered on October 14, 1915. Includes 561. Additional lands included by trustees on October 15, 1915.

**Location:** In San Joaquin County, west of Stockton at the junction of the San Joaquin and Calaveras rivers, and being portions of townships 1 and 2 north, range 6 east, M. D. B. and M.

**Area:** Gross, 1773 acres. Net, 1444.08 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** The district fund has a small credit balance and operates upon a cash basis.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross-section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.



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**Area:** Gross, 990.30 acres. Net, 940 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** No fund in treasurer's office. Operates on a cash basis.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross-section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 1609 (HARVEY)

**Formation:** Formed July 29, 1914, under the general reclamation laws, the petition and order being filed and numbered July 29, 1914. Includes part of 71.

**Location:** In Sacramento County, adjoining the north bank of the Mokelumne River and Dry Creek and being portions of townships 4 and 5 north, range 5 east, M. D. B. and M.

**Area:** Gross, 1886.30 acres. Net, 1792 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2), Cosumnes Drainage District.

**Remarks:** No district fund in treasurer's office.

District is entirely surrounded by levees for protection against overflow from the waters of the Mokelumne River and Dry Creek.

Soils are mainly Madera loams, with a comparatively small area of Columbia silt loams on the east.

#### RECLAMATION DISTRICT No. 1614 (SMITH)

**Formation:** Formed November 4, 1914, under the general reclamation district laws, the petition and order being filed and numbered on October 14, 1915. Includes 561. Additional lands included by trustees on October 15, 1915.

**Location:** In San Joaquin County, west of Stockton at the junction of the San Joaquin and Calaveras rivers, and being portions of townships 1 and 2 north, range 6 east, M. D. B. and M.

**Area:** Gross, 1773 acres. Net, 1444.08 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** The district fund has a small credit balance and operates upon a cash basis.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross-section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 1615 (GOULD)

**Formation:** Formed under the general reclamation district laws, the petition and order being filed and numbered on January 15, 1918. Partly included in 739.

**Location:** In Kings County, near the northern margin of Tulare Lake Basin, and being portions of sections 4, 9 and 10, township 21 south, range 21 east, M. D. B. and M.

**Area:** Gross, 819 acres. Net, 778 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Tulare Lake Basin Water Storage District.

**Remarks:** No funds on hand. Privately operated.

No works have been constructed by this district, but the area is completely reclaimed by the works of District No. 749. The soils are composed of recent alluvium lake laid deposits, strong, fertile and free from alkali. Grain and cotton are the chief crops.

#### RECLAMATION DISTRICT No. 1618 (EL RICO)

**Formation:** Formed August 7, 1914, under the general reclamation district laws, the petition and order being filed and numbered on February 2, 1915. Part of 808. Notice of consolidation of 1616, 1617, 1618 and 743 filed with the County Recorder of Kings County in accordance with the provisions of Political Code section 3489 on April 19, 1919. Consolidation validated by a special act of the State Legislature approved May 31, 1921, and in effect July 30, 1921 (Stats. 1921:1050).

**Location:** In Kings County near the center of Tulare Lake Basin and being portions of townships 22 and 23 south, range 21 east, M. D. B. and M.

**Area:** Gross, 14,532.60 acres. Net, 13,856.60 acres.

**Financial:** *Bonds*—R. D. No. 1618, 6%.

Dated July 1, 1921.

Due serially, 1923-1936, January 1 each year: \$30,000, 1923; \$40,000, 1924-1928; \$50,000, 1929-1933; \$60,000, 1934-1935; \$237,185,\* 1936.

Denominations \$1,000 and one bond of \$185.

Interest Jan.-July 1, by Treasurer of Kings County, Hanford, California.

Outstanding, January 2, 1931	\$382,000 00
Retired	330,000 00
* Unsold, 1936 maturity	125,185 00

Authorized	\$837,185 00
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*Warrants*—\$33,470.31.

**Overlaps:** Tulare Lake Basin Water Storage District and Lakeland Irrigation District.

**Remarks:** \*Of the total of \$237,185 of 1936 maturities, \$112,000 has been sold and the balance of \$125,185 is subject to certification by the Superintendent of Banks. District is in default in both principal and interest as of January 1, 1931.

This district is protected from overflow by high and massive levees, and drainage is amply provided for. Irrigation water may be taken from the Lakeside Canal and from Tulare Lake Basin storage when available.

Chief crops are grain and cotton.

The soils are recent lake laid deposits, strong and fertile.

## RECLAMATION DISTRICT No. 1619 (BETHEL)

**Formation:** Formed February 1, 1915, under the general reclamation district laws, the petition and order being filed and numbered on February 16, 1915. Includes 1 (C. C. Co.) and parts of 102, 107 and 183.

**Location:** In Contra Costa County, being an island enclosed by Piper, Taylor and Sand Mound sloughs in township 2 north, range 3 east, M. D. B. and M.

**Area:** Gross, 3404 acres. Net, 3349 acres. (Area as per petition for formation was 3516.54 acres.)

**Financial: Bonds—None.**

*Warrants—\$35,032.81.*

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** An assessment has been levied in the amount of \$10,743.95, 60% of which was called on January 15, 1930, and 40% called on September 15, 1930. District has a credit balance of \$2,226.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross-section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power-driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found, but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

## RECLAMATION DISTRICT No. 1660

**Formation:** Created by a special act of the State Legislature approved June 1, 1915, and in effect August 8, 1915 (Chap. 591, Stats. 1915:1034). The act designates and describes the district boundaries, provides for the appointment and election of trustees who shall hold office at the pleasure of the Governor, prohibits assessments except for actual benefits and discontinues all reclamation, drainage or levee districts, or parts thereof, that lie within the described boundaries. Includes a portion of Reclamation District No. 792.

**Location:** Situated in the northwesterly portion of Sutter County approximately 10 miles west of Yuba City and 12 miles southeast of Colusa. It is bounded on the north and east by the Sutter By-Pass, on the south by the Tisdale By-Pass and on the west by the Sacramento River and Reclamation District No. 70, and includes portions of townships 14 and 15 north, ranges 1 and 2 east, M. D. B. and M.

**Area:** Gross, 15,704 acres. Net, 13,881 acres.

**Financial: Bonds—R. D. No. 1660, 6%.**

Dated July 1, 1925.

Due serially 1935-1944, July 1 each year.

Denominations \$1,000 and one bond of \$705.64.

Interest Jan.-July 1, by the Treasurer of Sutter County, Yuba City, California.

Outstanding and authorized, January 2, 1931-----\$997,705.64

## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1934-----	\$997,705			
1935-----	897,705	\$100,000	\$56,862	\$156,862
1936-----	797,705	100,000	50,862	150,862
1937-----	697,705	100,000	44,862	144,862
1938-----	597,705	100,000	38,862	138,862
1939-----	497,705	100,000	32,862	132,862
1940-----	397,705	100,000	26,862	126,862
1941-----	297,705	100,000	20,862	120,862
1942-----	197,705	100,000	14,862	114,862
1943-----	97,705	100,000	8,862	108,862
1944-----		97,705	2,931	100,636

\$997,705

*Warrants—None.*

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 6).

**Remarks:** The district fund has a credit balance of \$600.89.

District is adequately leveed and drained, gravity expulsion facilities being provided, as well as pumping. Portion of district is irrigated from pumping plants located on Sacramento River, and the Sutter Mutual Water Company has constructed a siphon under the Tisdale By-Pass for the irrigation of certain lands.

Columbia silt loams and fine sandy loams form the westerly area, with Sacramento clays on the east. Grain, beans, sugar beets and alfalfa are the chief crops.

#### RECLAMATION DISTRICT No. 1661

**Formation:** Formed December 6, 1915, under the general reclamation district laws, the petition and order being filed and numbered on December 7, 1915.

**Location:** In Solano County, east of Suisun and being portions of townships 4 and 5 north, ranges 1 and 2 west, M. D. B. and M.

**Area:** Gross, 875 acres. Net, 831 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** None.

**Remarks:** District is privately operated. This is a marsh land reclamation, diked to a sufficient height to prevent overflow from tidal action. Fresh water for irrigation may be obtained by skimming the surface of the waters of Suisun Slough during the spring and early summer. Soils are peat loams.

#### RECLAMATION DISTRICT No. 1662 (BUENA VISTA-WEST SIDE)

**Formation:** Formed February 8, 1916, under the general reclamation district laws, the petition and order being filed and numbered on August 10, 1916. Includes 764 and a part of 692.

**Location:** In Kings County, near the center of Tulare Lake Basin and being portions of township 22 south, ranges 20 and 21 east, M. D. B. and M.

**Area:** Gross, 7186 acres. Net, 6827 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Tulare Lake Basin Water Storage District.

**Remarks:** No fund in treasurer's office.

No district works have been constructed. Lands may be irrigated from Tulare Lake storage when available. Soils are lake bed sediments and the area is usually cropped to grain.

#### RECLAMATION DISTRICT No. 1663

**Formation:** Formed August 7, 1916, under the general reclamation district laws, the petition and order being filed and numbered on August 10, 1916.

**Location:** In Santa Clara County, south of Coyote, and being a portion of the Laguna Seca Rancho.

**Area:** Gross, 1125.76 acres. Net, 1125.76 acres assessed.

**Financial:** *Bonds*—Retired.

Original issue \$32,000.

Maturities January 1 each year, \$1,000, 1920-1927.

*Warrants*—None.

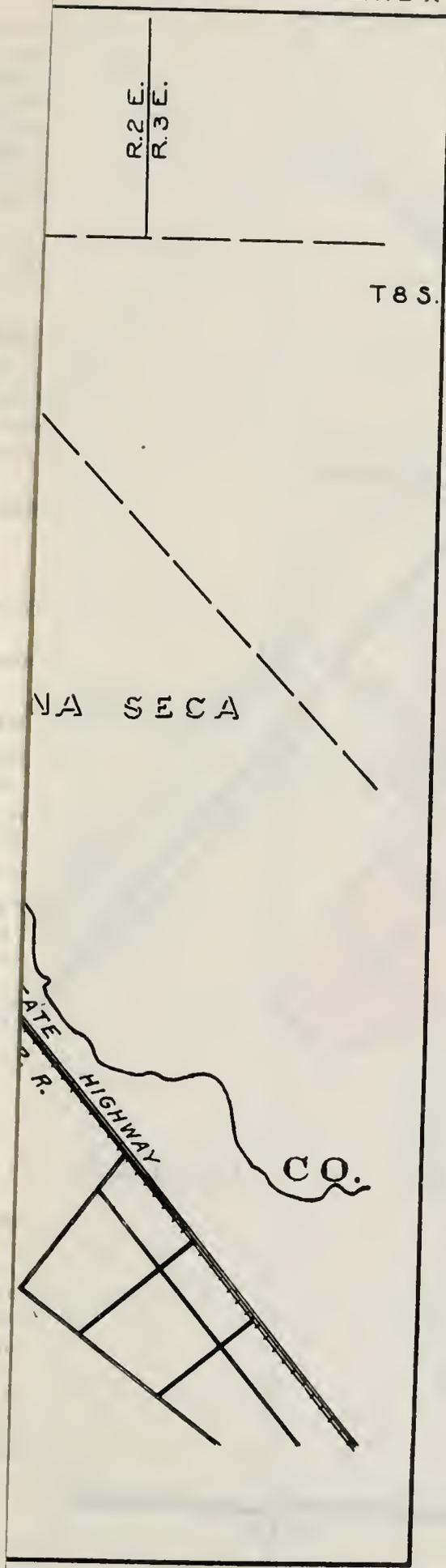
**Overlaps:** None.

R.2 E.  
R.3 E.

T 8 S.

NA SECA

STATE HIGHWAY  
R.  
CO.



T 8 S.

R 2 E.  
R 3 E.

Coyote

RANCHO

RECL. DIST. NO. 1663.

AVE.

BAILEY

COYOTE RIVER  
SOUTHERN PACIFIC R. R.

RIVER STATE HIGHWAY

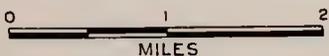
LEGUNA SECA

Grant Line

SANTA

CLARA

CO.



MILES

**Remarks:** Bonds sold at 108. There have been a number of maintenance assessments. No delinquency by any land owner has occurred upon assessments for any purpose. There are no present assessments or other outstanding liens.

Reclamation of this area (formerly an old lake bed) has been accomplished by the installation of a comprehensive drainage system. Laterals have been constructed and pumps installed which discharge the excess waters into a main drainage canal through which they are carried by gravity to Coyote Creek. Irrigation water is furnished from wells equipped with electrically driven pumps.

The soils are sedimentary in character. The district is well developed in prunes, pears, seed beds and garden truck. Dairying is also carried on.

**RECLAMATION DISTRICT No. 1664 (CHOWCHILLA)**

**Formation:** Formed August 14, 1916, under the general reclamation district laws, the petition and order being filed and numbered on August 17, 1916.

**Location:** In Madera and Merced counties, lying east of the San Joaquin River, and being portions of townships 9, 10, and 11 south, ranges 13, 14, 15 and 16 east, M. D. B. and M.

**Area:** Gross, 88,633 acres. Net, 84,200 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District, El Nido and Madera irrigation districts.

**Remarks:** No works have been constructed.

**RECLAMATION DISTRICT No. 1665**

**Formation:** Formed September 8, 1916, under the general reclamation district laws, the petition and order being filed and numbered on September 15, 1916.

**Location:** In Monterey County and being the swamp land portions of the several ranchos lying between Castroville and Salinas.

**Area:** Gross, 4705 acres. Net, 4601 acres.

**Financial:** *Bonds*—Bonds adjudged a valid legal obligation of the district by decree of the Superior Court in and for Monterey County.

R. D. No. 1665, 6% (first issue).

Dated July 1, 1918.

Due serially, 1927–1937, January 1, each year: \$8,000, 1927; \$7,000, 1928, and each year thereafter to and including 1936; \$9,000, 1937.

Callable on or after January 1, 1927.

Interest Jan.-July 1, by Treasurer of Monterey County, Salinas, California.

Outstanding, January 2, 1931-----	\$44,000 00
Retired -----	36,000 00

Authorized -----	\$80,000 00
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R. D. No. 1665, 6% (second issue).

Dated July 1, 1919.

Due serially, 1938–1947, January 1, \$6,000 each year.

Interest Jan.-July 1, by Treasurer of Monterey County, Salinas, California.

Outstanding and authorized, January 2, 1931-----	\$60,000 00
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R. D. No. 1665, 6% (third issue).

Dated January 1, 1920.

Due serially, 1949–1950, January 1, \$25,000 each year.

Interest Jan.-July 1, by Treasurer of Monterey County, Salinas, California.

Outstanding and authorized, January 2, 1931-----	\$50,000 00
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The following information is for  
 the purpose of providing a  
 general overview of the  
 region and its various  
 features. The map shows  
 the location of the  
 region in relation to  
 the surrounding areas.  
 The map is a hand-drawn  
 sketch and should not be  
 used for precise navigation.  
 The map shows the  
 location of the region  
 in relation to the  
 surrounding areas. The  
 map is a hand-drawn  
 sketch and should not be  
 used for precise navigation.  
 The map shows the  
 location of the region  
 in relation to the  
 surrounding areas. The  
 map is a hand-drawn  
 sketch and should not be  
 used for precise navigation.

**Remarks:** Bonds sold at 108. There have been a number of maintenance assessments. No delinquency by any land owner has occurred upon assessments for any purpose. There are no present assessments or other outstanding liens.

Reclamation of this area (formerly an old lake bed) has been accomplished by the installation of a comprehensive drainage system. Laterals have been constructed and pumps installed which discharge the excess waters into a main drainage canal through which they are carried by gravity to Coyote Creek. Irrigation water is furnished from wells equipped with electrically driven pumps.

The soils are sedimentary in character. The district is well developed in prunes, pears, seed beds and garden truck. Dairying is also carried on.

**RECLAMATION DISTRICT No. 1664 (CHOWCHILLA)**

**Formation:** Formed August 14, 1916, under the general reclamation district laws, the petition and order being filed and numbered on August 17, 1916.

**Location:** In Madera and Merced counties, lying east of the San Joaquin River, and being portions of townships 9, 10, and 11 south, ranges 13, 14, 15 and 16 east, M. D. B. and M.

**Area:** Gross, 88,633 acres. Net, 84,200 acres.

**Financial: Bonds—None.**

*Warrants—None.*

**Overlaps:** Sacramento and San Joaquin Drainage District, El Nido and Madera irrigation districts.

**Remarks:** No works have been constructed.

**RECLAMATION DISTRICT No. 1665**

**Formation:** Formed September 8, 1916, under the general reclamation district laws, the petition and order being filed and numbered on September 15, 1916.

**Location:** In Monterey County and being the swamp land portions of the several ranchos lying between Castroville and Salinas.

**Area:** Gross, 4705 acres. Net, 4601 acres.

**Financial: Bonds—Bonds** adjudged a valid legal obligation of the district by decree of the Superior Court in and for Monterey County.

R. D. No. 1665, 6% (first issue).

Dated July 1, 1918.

Due serially, 1927-1937, January 1, each year: \$8,000, 1927; \$7,000, 1928, and each year thereafter to and including 1936; \$9,000, 1937.

Callable on or after January 1, 1927.

Interest Jan.-July 1, by Treasurer of Monterey County, Salinas, California.

Outstanding, January 2, 1931-----	\$44,000 00
Retired -----	36,000 00

Authorized -----	\$80,000 00
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R. D. No. 1665, 6% (second issue).

Dated July 1, 1919.

Due serially, 1938-1947, January 1, \$6,000 each year.

Interest Jan.-July 1, by Treasurer of Monterey County, Salinas, California.

Outstanding and authorized, January 2, 1931-----	\$60,000 00
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R. D. No. 1665, 6% (third issue).

Dated January 1, 1920.

Due serially, 1949-1950, January 1, \$25,000 each year.

Interest Jan.-July 1, by Treasurer of Monterey County, Salinas, California.

Outstanding and authorized, January 2, 1931-----	\$50,000 00
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## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930	\$161,000			
1931	154,000	\$7,000	\$9,240	\$16,240
1932	147,000	7,000	8,820	15,820
1933	140,000	7,000	8,400	15,400
1934	133,000	7,000	7,980	14,980
1935	126,000	7,000	7,560	14,560
1936	119,000	7,000	7,140	14,140
1937	110,000	9,000	6,600	15,600
1938	104,000	6,000	6,240	12,240
1939	98,000	6,000	5,880	11,880
1940	92,000	6,000	5,520	11,520
1941	86,000	6,000	5,160	11,160
1942	80,000	6,000	4,800	10,800
1943	74,000	6,000	4,440	10,440
1944	68,000	6,000	4,080	10,080
1945	62,000	6,000	3,720	9,720
1946	56,000	6,000	3,360	9,360
1947	50,000	6,000	3,000	9,000
1948	50,000		3,000	3,000
1949	25,000	25,000	1,500	26,500
1950		25,000		25,000
		<u>\$161,000</u>		

Warrants—None.

Overlaps: None.

Remarks:

Bond fund	\$2,415 66
Bond interest	800 48
Maintenance and operation	6,399 90
Credit balance	<u>\$9,616 04</u>

No delinquencies.

This reclamation has been accomplished by the construction of drainage canals which collect and carry off the excess waters from the low silt filled areas.

Lettuce and vegetables of many varieties are grown successfully.

## RECLAMATION DISTRICT No. 1667 (PROSPECT ISLAND)

**Formation:** Formed January 2, 1917, under the general reclamation district laws, the petition and order being filed and numbered on January 4, 1917. Includes 217.

**Location:** In Solano County, being that portion of township 5 north, range 3 east, M. D. B. and M., bounded by Prospect, Cache and Miner sloughs.

**Area:** Gross, 2478 acres. Net, 2355 acres.

**Financial:** Bonds—None.

Warrants—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** Privately operated.

This district lies entirely within the Yolo Basin By-Pass area. Due to such location levees are built only to such height as allowed by regulations of the State Reclamation Board. Thus the range of crops is limited to such classifications as may be sown and harvested between high water stages.

The soils are classified as Sacramento clay loams. Beans are the principal crop.

## RECLAMATION DISTRICT No. 2020 (DRY CREEK)

**Formation:** Created by a special act of the State Legislature approved May 26, 1917, and in effect July 27, 1917 (Stats. 1917:956).

**Location:** In San Joaquin County, six miles east of Galt and south of Dry Creek, being portions of sections 25, 26, 35 and 36, township 5 north, range 7 east.

M. D. B. and M., and portion of the northwest 1/4 section 30, township 5 north, range 8 east, M. D. B. and M.

Area: Gross, 1728.20 acres. Net, 1000 acres.

Financial: Bonds adjudged a valid legal obligation of the district by decree of the Superior Court in and for San Joaquin County.

R. D. No. 2020, 6%.

Dated July 1, 1920.

Due serially, 1930-1939, January 1 each year.

Denominations \$1,000 and one bond of \$950.65.

Interest Jan.-July 1, by treasurer of San Joaquin County, Stockton, California.

Outstanding, January 2, 1931----- \$43,950 65

Retired ----- 12,000 00

Authorized ----- \$55,950 65

MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930-----	\$49,950			
1931-----	43,950	\$6,000	\$2,637	\$8,637
1932-----	37,950	6,000	2,277	8,277
1933-----	31,950	6,000	1,917	7,917
1934-----	25,950	6,000	1,557	7,557
1935-----	19,950	6,000	1,197	7,197
1936-----	13,950	6,000	837	6,837
1937-----	7,950	6,000	477	6,477
1938-----	1,950	6,000	117	6,117
1939-----		1,950		1,950
		\$49,950		

Warrants—None.

Overlaps: None.

Remarks: There is a small credit balance in the district fund. District operates upon a cash basis.

The reclamation of this district has been accomplished by the construction of levees of ample height and section and channel changes to prevent overflow from the creeks running therethrough; also the construction of a dam and canal to effect the drainage of Goose Lake.

Soils are classified as Madera and Honcut loams.

RECLAMATION DISTRICT No. 2021 (MILDRED ISLAND)

Formation: Formed October 2, 1917, under the general reclamation district laws, the petition and order being filed and numbered on October 4, 1917.

Location: In San Joaquin County, being an island in township 2 north, range 4 east, M. D. B. and M., bounded by Middle River, Empire and Latham sloughs.

Area: Gross, 1237.58 acres. Net, 970 acres.

Financial: Bonds—None.

Warrants—\$38,692.

Overlaps: Sacramento and San Joaquin Drainage District (Assessment No. 2).

Remarks: The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross-section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power-driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found, but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

## RECLAMATION DISTRICT No. 2022

**Formation:** Formed October 22, 1917, under the general reclamation district laws, the petition and order being filed and numbered on November 13, 1917. Includes part of 254.

**Location:** In Sacramento County and being portions of township 7 north, ranges 4 and 5 east, M. D. B. and M.

**Area:** Gross, 467.67 acres. Net, 445 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** District fund has a credit balance of \$82.

This district comprises the area formerly occupied by Beach Lake, which prior to reclamation was subject to overflow from the back water of the Mokelumne River and Snodgrass Slough. Reclamation has been accomplished by the construction of a dam or levee to prevent overflow from back water, a central drainage canal and installation of a pumping plant and automatic outlet gates. The soils are classified as Stockton clay adobe. Grain is the chief crop.

## RECLAMATION DISTRICT No. 2023 (VENICE ISLAND)

**Formation:** Formed March 13, 1918, under the general reclamation district laws, the petition and order being filed and numbered on March 18, 1918. Includes part of 57.

**Location:** In San Joaquin County and being an island formed by the San Joaquin River, Potato and Little Connection sloughs in townships 2 and 3 north, range 4 east, M. D. B. and M.

**Area:** Gross, 3843.91 acres, less 343.66 acres "outside" of levees—3500.25 acres. Net, 3178.20 acres. (304 acres taken for Stockton deep water channel to be deducted.)

**Financial:** *Bonds*—Bonds adjudged a valid legal obligation of the district by decree of the Superior Court in and for San Joaquin County on August 20, 1918. Bonds are in default as of July 1, 1928.

R. D. No. 2023, 6% (first issue).

Dated September 2, 1918.

Due serially, 1928-1938, July 1 each year: \$40,000, 1928; 50,000, 1929-1938.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of San Joaquin County, Stockton, California.

Outstanding and authorized, January 2, 1931-----\$350,000

R. D. No. 2023, 6% (second issue).

Dated March 1, 1923.

Due serially, 1939-1943, January 1, \$21,000 each year.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of San Joaquin County, Stockton, California.

Outstanding and authorized, January 2, 1931-----\$105,000

*Warrants*—\$6,000.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** A bondholders' committee, through agreement with junior interests, has possession of the district and is operating the property for the benefit of the bondholders. Assessment reapportioned in June, 1929, by reason of construction of Stockton deep water channel.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross-section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power-driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found, but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

**RECLAMATION DISTRICT No. 2024 (ORWOOD)**

**Formation:** Formed April 15, 1918, under the general reclamation district laws, the petition and order being filed and numbered on April 20, 1918.

**Location:** In Contra Costa County, lying west of Old River and north of Indian Slough in township 1 north, ranges 3 and 4 east, M. D. B. and M.

**Area:** Gross, 3749 acres. Net, 3575 acres.

**Financial: Bonds**—Adjudged a valid legal obligation of the district by decree of the Superior Court in and for Contra Costa County on December 9, 1918. Bonds are in default. Interest and principal due July 1, 1928, and subsequent dates not paid.

R. D. No. 2024, 6%.

Dated September 30, 1918.

Due serially, 1928–1938, July 1 each year: \$35,000, 1928; \$29,000, 1929–1938.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of Contra Costa County, Martinez, California.

Outstanding and authorized, January 2, 1931-----\$325,000

Warrants—\$8,156.74.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** See Delta Plan.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

**RECLAMATION DISTRICT No. 2025 (HOLLAND)**

**Formation:** Formed April 15, 1918, under the general reclamation district laws, the petition and order being filed and numbered on April 20, 1918. Includes part of 107.

**Location:** In Contra Costa County and lying west of Old River and north of Rock Slough in township 2 north, ranges 3 and 4 east, M. D. B. and M.

**Area:** Gross, 4294 acres. Net, 4060 acres.

(Area as per petition for formation was 4948 acres.)

**Financial: Bonds**—Bonds adjudged a valid legal obligation of the district by decree of the Superior Court in and for Contra Costa County on December 9, 1918. Bonds are in default. Interest and principal due July 1, 1928, and subsequent dates not paid.

R. D. No. 2025, 6%.

Dated September 30, 1918.

Due serially, 1928–1938, July 1 each year: \$50,000, 1928; \$38,000, 1929–1938.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of Contra Costa County, Martinez, California.

Outstanding, January 2, 1931----- \$425,000 00

Retired ----- 5,000 00

Authorized ----- \$430,000 00

Warrants—\$13,586.47.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** See "Delta Plan" of reorganization.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

### RECLAMATION DISTRICT No. 2026 (WEBB)

**Formation:** Formed April 15, 1918, under the general reclamation district laws, the petition and order being filed and numbered on April 20, 1918. Includes part of 2 and 160.

**Location:** In Contra Costa County and being a delta island lying south of the San Joaquin River, west of Old River and north of False River in township 3 north, ranges 3 and 4 east, M. D. B. and M.

**Area:** Gross, 5523 acres. Net, 5279 acres. Area as per petition for formation was 6058 acres.

**Financial: Bonds**—Bonds adjudged a valid legal obligation of the district by decree of the Superior Court in and for Contra Costa County on December 9, 1918. Bonds are in default. Interest and principal due July 1, 1928, and subsequent dates not paid.

R. D. No. 2026, 6%.

Dated September 30, 1918.

Due serially, 1928-1938, July 1 each year: \$55,000, 1928; \$48,000, 1929-1938.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of Contra Costa County.

Outstanding and authorized, January 2, 1931-----\$535,000

Warrants—\$24,505.54.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** See "Delta Plan" of reorganization.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

### RECLAMATION DISTRICT No. 2027 (MANDEVILLE ISLAND)

**Formation:** Formed March 21, 1918, under the general reclamation district laws, the petition and order being filed and numbered on April 20, 1918. Includes 130.

**Location:** In San Joaquin County, at the junction of the San Joaquin and Old rivers, and in townships 2 and 3 north, range 4 east, M. D. B. and M.

**Area:** Gross, 5138 acres. Net, 4988 acres.

**Financial: Bonds**—Bonds adjudged a valid legal obligation of the district by decree of the Superior Court in and for San Joaquin County on September 17, 1918. Bonds are in default. Interest and principal due July 1, 1928, and subsequent dates not paid.

R. D. No. 2027, 6%.

Dated September 6, 1918.

Due serially, 1928-1938, July 1 each year: \$55,000, 1928; \$48,000, 1929-1938.

Denomination \$1,000.

Interest Jan.-July 1 by Treasurer of San Joaquin County, Stockton, California.

Outstanding and authorized, January 2, 1931-----\$535,000

Warrants—\$236,518.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** See "Empire Plan" of reorganization. Some of the above warrants have been recently extended for another four years.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 2028 (BACON ISLAND)

**Formation:** Formed March 21, 1918, under the general reclamation district laws, the petition and order being filed and numbered on April 20, 1918.

**Location:** In San Joaquin County, lying between Old and Middle rivers, in townships 1 and 2 north, range 4 east, M. D. B. and M.

**Area:** Gross, 5625 acres. Net, 5306 acres.

**Financial:** *Bonds*—Adjudged a valid legal obligation of the district by decree of the Superior Court in and for San Joaquin County on September 16, 1918. Bonds are in default. Interest and principal due July 1, 1928, and subsequent dates not paid.

R. D. No. 2028, 6% serial.

Dated September 6, 1918.

Due serially, 1928-1938, July 1 each year: \$60,000, 1928; \$50,000, 1929-1938.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of San Joaquin County, Stockton.

Outstanding and authorized, January 2, 1931-----\$560,000

Warrants—\$264,953.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** See "Delta Plan" of reorganization.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 2029 (EMPIRE)

**Formation:** Formed March 21, 1918, under the general reclamation district laws, the petition and order being filed and numbered on April 20, 1918. Includes S3, 189 and 190.

**Location:** In San Joaquin County, lying east of and adjoining Venice Island, and being portions of townships 2 and 3 north, range 4 east, and townships 2 and 3 north, range 5 east, M. D. B. and M.

**Area:** Gross, 3708 acres. Net, 3430 acres.

**Financial: Bonds**—Bonds adjudged a valid legal obligation of the district by decree of the Superior Court in and for San Joaquin County on September 16, 1918. Bonds are in default. Interest and principal due July 1, 1928, and subsequent dates not paid.

R. D. No. 2029, 6%.

Dated September 2, 1918.

Due serially, 1928-1938, July 1, each year: \$45,000, 1928; \$33,000, 1929-1938.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of San Joaquin County, Stockton, California.

Outstanding and authorized, January 2, 1931-----\$375,000

**Warrants**—Canceled June 4, 1930.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** See "Delta Plan" of reorganization.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 2030 (McDONALD ISLAND)

**Formation:** Formed March 21, 1918, under the general reclamation district laws, the petition and order being filed and numbered on April 20, 1918. Includes 319 and part of 109 and 223.

**Location:** In San Joaquin County, lying south of the San Joaquin River and west of Turner Cut, and being portions of township 2 north, ranges 4 and 5 east, M. D. B. and M.

**Area:** Gross, 6141.90 acres. Net, 5843 acres.

**Financial: Bonds**—\$580,000 canceled.

**Warrants**—Canceled.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** Through litigation Reclamation District No. 2030 was removed from the "Delta Reorganization Plan." In accordance with a revised plan, the bondholders of this district received in exchange for each \$1,000 principal amount of bonds deposited, one \$500 first mortgage bond of Weyl-Zuckerman and Company and one \$500 first mortgage bond of McDonald Island Farms, Ltd. The deposited bonds have been surrendered to and canceled by the county treasurer. Title to lands sold to the county treasurer on account of delinquent assessments has been secured by deed direct from the county treasurer who waived the accumulated statutory penalties. For purposes of operation the district organization is maintained.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross-section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

## RECLAMATION DISTRICT No. 2031 (ELLIOTT)

**Formation:** Created by special act of the State Legislature approved May 16, 1919, and in effect July 22, 1919 (Stats. 1919:658). Includes Reclamation District No. 663, which was dissolved.

**Location:** In Stanislaus County at the junction of the San Joaquin and Stanislaus rivers, and being a portion of township 3 south, range 7 east, M. D. B. and M.

**Area:** Gross, 5030 acres. Net, 4730 acres.

**Financial:** *Bonds*—Semiannual interest payments due July 1, 1930, and January 1, 1931, in default.

R. D. No. 2031, 6%.

Dated November 1, 1925.

Due serially, 1936-1945, Jan. 1 each year: \$25,000, 1936-1941; \$25,500, 1942-1943; \$24,500, 1944-1945.

Denominations \$1,000, \$500.

Interest Jan.-July 1, by treasurer of Stanislaus County, Modesto, California.

Outstanding and authorized January 2, 1931-----\$250,000

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District.

**Remarks:** District lands have not produced enough to pay the semiannual interest.

Plans for reorganization are in progress. Bondholders Protective Committee has requested that bonds be deposited on or before January 1, 1931, with the depository. In accordance with the terms of the Bondholders Protective Agreement dated August 10, 1930, \$120,500 in bonds had been deposited up to November 10, 1930.

Levee system of this district is only partially completed and the drainage problem is yet to be solved. The main soil body is classified as Hanford loams with a small portion on the east in Fresno loams. The land has been cropped to alfalfa, beans, corn and sugar beets.

## RECLAMATION DISTRICT No. 2032 (MORROW ISLAND)

**Formation:** Formed March 3, 1919, under the general reclamation district laws, the petition and order being filed and numbered on March 7, 1919.

**Location:** In Solano County, on Suisun Bay, east of Goodyear Slough and south of Suisun Creek, in township 3 north, range 2 west, M. D. B. and M.

**Area:** Gross, 1428 acres. Net, 1326 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** None.

**Remarks:** Sixty thousand dollars in bonds and \$35,000 in warrants have recently been canceled and district is now being operated upon a cash basis.

The lands are completely leveed and drained. Tidal action permits the entry of fresh water to lands through gates in the levees during the spring and early summer.

The soils are classified as muck and peat. Oats and asparagus can be grown.

## RECLAMATION DISTRICT No. 2033 (BRACK)

**Formation:** Formed April 7, 1919, under the general reclamation district laws, the petition and order being filed and numbered on April 9, 1919. Includes 72 and part of 169.

**Location:** In San Joaquin County lying between Hog and Sycamore sloughs in townships 3 and 4 north, range 4 east, and townships 3 and 4 north, range 5 east, M. D. B. and M.

**Area:** Gross, 4728.63 acres. Net, 4492 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** The district fund has a small credit balance, and operates upon a cash basis.

This district is adequately leveed and drained, and irrigation water is obtained from Mokelumne River by pumping.

The soils are chiefly muck and peat with a small area on the west in the Sacramento clays.

The chief crops are potatoes, onions, beans, corn and alfalfa.

#### RECLAMATION DISTRICT No. 2034 (CHADBOURNE)

**Formation:** Formed April 7, 1919, under the general reclamation district laws, the petition and order being filed and numbered on April 9, 1919.

**Location:** In Solano County two miles southwest of Suisun and in township 4 north, range 2 west, M. D. B. and M.

**Area:** Gross, 1523.33 acres. Net, 1447 acres.

**Financial:** Bonds—None.

Warrants—\$9,047.23.

**Overlaps—None.**

**Remarks:** District is in one ownership and warrant debt is approximately \$6 per acre.

This district is a marsh land reclamation and is diked to a sufficient height to prevent overflow of the lands. Tidal action permits the entry of fresh water to the lands during the spring and early summer. The soils are chiefly delta silt and peat. The area has been cropped to grain.

#### RECLAMATION DISTRICT No. 2035

**Formation:** Formed April 8, 1919, under the general reclamation district laws, the petition and order being filed and numbered on April 10, 1919.

**Location:** In Yolo County and being portions of townships 9 and 10 north, range 2 east, and townships 9 and 10 north, range 3 east, M. D. B. and M.

**Area:** Gross, 20,805 acres. Net, 20,445 acres.

**Financial:** Bonds—R. D. No. 2035, 6%.

Dated January 1, 1925.

Due serially, 1935-1943, January 1 each year.

Denomination \$1,000.

Interest Jan.-July 1 each year, by treasurer of Yolo County at Woodland, California.

Outstanding, January 2, 1931-----\$2,000,000 00

Unissued ----- 264,740 00

Authorized ----- \$2,264,740 00

#### MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1931	\$2,000,000			
1935	1,773,000	\$227,000	\$106,380	\$333,380
1936	1,546,000	227,000	92,760	319,760
1937	1,319,000	227,000	79,140	306,140
1938	1,092,000	227,000	65,520	292,520
1939	865,000	227,000	51,900	278,900
1940	638,000	227,000	38,280	265,280
1941	411,000	227,000	24,660	251,660
1942	184,000	227,000	11,040	238,040
1943		184,000		184,000

\$2,000,000

Warrants—None.

**Overlaps:** Sacramento and San Joaquin Drainage District.

**Remarks:** The greater portion of this district lies within the Yolo By-Pass and the levees constructed within this area are restricted as to height by the regulations imposed by the State Reclamation Board, thus these lands are subject to

overflow under extreme flood water conditions. As the lands are used exclusively for the production of rice this limitation is not material. Large capacity pumps located on the Sacramento River near Elkhorn furnish irrigation water for the district. Excess waters from Knights Landing Ridge Cut are also used when available. The soils are classified as Sacramento clays.

### RECLAMATION DISTRICT No. 2036 (PALM)

**Formation:** Formed May 5, 1919, under the general reclamation district laws, the petition and order being filed and numbered on May 8, 1919.

**Location:** In Contra Costa County on the west bank of Old River and south of Rock Slough, being portions of township 1 north, ranges 3 and 4 east, M. D. B. and M.

**Area:** Gross, 2464.60 acres. Net, 2193.84 acres.

**Financial: Bonds—**R. D. No. 2036, 5½%.

Dated January 1, 1920.

Due serially, 1930-1940, January 1 each year: \$26,940, 1930; \$23,000, 1931-1940.

Denominations \$500 and one bond of \$440.

Interest Jan.-July 1, by Treasurer of Contra Costa County, Martinez, California.

Outstanding, January 2, 1931-----	\$8,500 00
Canceled -----	235,440 00
Unissued -----	13,000 00

Authorized -----	\$256,940 00
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Warrants—\$34,500.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** See "Rindge Plan" of refinancing. \$8,500 in bonds have not as yet been deposited with reorganization committee as of January 2, 1931.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

### RECLAMATION DISTRICT No. 2037 (RINDGE)

**Formation:** Formed May 6, 1919, under the general reclamation district laws, the petition and order being filed and numbered on May 8, 1919. Includes parts of 60 and 221.

**Location:** In San Joaquin County on the north bank of the San Joaquin River between Disappointment and Fourteen Mile sloughs in township 2 north, range 5 east, M. D. B. and M.

**Area:** Gross, 6836.90 acres. Net, 6000.56 acres.

**Financial: Bonds—**Canceled.

Warrants—\$30,000.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** See "Rindge Plan" of refinancing.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 2038 (LOWER JONES)

**Formation:** Formed May 6, 1919, under the general reclamation district laws, the petition and order being filed and numbered on May 8, 1919. Formerly included in 109 and 223.

**Location:** In San Joaquin County, lying south of Empire Slough between Middle River and Whisky Slough, and being parts of township 1 north, ranges 4 and 5 east, M. D. B. and M.

**Area:** Gross, 5739 acres. Net, 5135.24 acres.

**Financial:** *Bonds*—Canceled.

*Warrants*—\$26,000.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** See "Rindge Plan" of refinancing.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 2039 (UPPER JONES)

**Formation:** Formed May 6, 1919, under the general reclamation district laws, the petition and order being filed and numbered on May 8, 1919. Formerly included in 109 and 223.

**Location:** In San Joaquin County, lying east of Middle River and north of Trapper Slough, in township 1 north, ranges 4 and 5 east, M. D. B. and M.

**Area:** Gross 6288.60 acres. Net, 5685.36 acres.

**Financial:** *Bonds*—Canceled.

*Warrants*—\$31,000.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** See "Rindge Plan" of refinancing.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 2040 (VICTORIA ISLAND)

**Formation:** Formed June 3, 1919, under the general reclamation district laws, the petition and order being filed and numbered on July 9, 1919. Formerly included in 282.

**Location:** In San Joaquin County, lying between Old and Middle rivers and north of Victoria Canal, and being portions of township 1 north, range 4 east, and township 1 south, range 4 east, M. D. B. and M.

**Area:** Gross, 7313.26 acres. Net, 6804 acres.

**Financial:** *Bonds*—Canceled.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** See "Borden Plan" of refinancing.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 2041 (MEDFORD ISLAND)

**Formation:** Formed June 3, 1919, under the general reclamation district laws, the petition and order being filed and numbered July 9, 1919.

**Location:** In San Joaquin County, at the junction of the San Joaquin and Middle rivers, in township 2 north, range 4 east, M. D. B. and M.

**Area:** Gross, 1260 acres. Net, 1237 acres.

**Financial:** *Bonds*—Bonds are in default. Interest due July 1, 1928, and subsequent dates not paid. Principal due July 1, 1929, not paid.

R. D. No. 2041, 6%.

Dated July 1, 1919.

Due serially, 1929-1939, July 1 each year: \$20,000, 1929; \$10,000, 1930-1939.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of San Joaquin County, Stockton, California.

Outstanding and authorized, January 2, 1931-----\$120,000

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** See "Delta Plan" of reorganization.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 2042 (BISHOP)

**Formation:** Formed June 3, 1919, under the general reclamation district laws, the petition and order being filed and numbered on July 9, 1919. Includes parts of 61, 63 and 691.

**Location:** In San Joaquin County, lying north of Disappointment Slough, and being portions of townships 2 and 3 north, range 5 east, M. D. B. and M.

**Area:** Gross, 3055 acres. Net, 2900 acres.

**Financial:** *Bonds*—Bonds adjudged a valid legal obligation of the district by decree of the Superior Court in and for San Joaquin County on October 7, 1919.

Bonds are in default. Interest due July 1, 1928, and subsequent dates not paid. Principal due July 1, 1929, not paid.

Delta Farms R. D. No. 2042, 6%.

Dated July 1, 1919.

Due serially, 1929-1939, July 1 each year: \$20,000, 1929; \$13,000, 1930-1939.

Denomination \$1,000.

Interest Jan.-July 1 by Treasurer of San Joaquin County, Stockton, California.

Outstanding, January 2, 1931	\$125,000 00
Unissued, 1938-1939 maturities	25,000 00

Authorized	\$150,000 00
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Warrants—None.

Overlaps: Sacramento and San Joaquin Drainage District (Assessment No. 2).

Remarks: Reorganization in progress independently of other Delta Farms reclamation districts due to the fact that the bonds are held by a single interest which owns or controls all the lands of the district. Maintenance and operation continued by district organization.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 2043

Formation: Formed August 4, 1919, under the general reclamation district laws, the petition and order being filed and numbered on August 7, 1919.

Location: In Solano County on the Suisun marsh and lying between the main line of the Southern Pacific Railroad and Suisun Slough in township 4 north, range 2 west, M. D. B. and M.

Area: Gross, 433.70 acres. Net, 412 acres.

Financial: Bonds—None.

Warrants—None.

Overlaps: None.

Remarks: No district fund in office of County Treasurer. In single ownership and privately reclaimed.

This district is a marsh land reclamation and is diked to a sufficient height to prevent overflow of the lands. Tidal action permits the entry of fresh water to the lands during the spring and early summer. The soils are chiefly delta silt and peat. The area has been cropped to grain.

#### RECLAMATION DISTRICT No. 2044 (KING ISLAND)

Formation: Formed August 5, 1919, under the general reclamation district laws, the petition and order being filed and numbered on August 8, 1919. Formerly included in 691.

Location: In San Joaquin County, lying between White and Disappointment Sloughs, and being portions of townships 2 and 3 north, range 5 east, M. D. B. and M.

Area: Gross, 3260 acres. Net, 3044 acres.

Financial: Bonds—In default. Interest due July 1, 1928, and subsequent dates not paid. Principal due July 1, 1930, not paid.

Delta Farms R. D. No. 2044, 6%.

Dated January 1, 1920.

Due serially, 1930-1940, July 1, each year: \$35,000, 1930; \$29,000, 1931-1940.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of San Joaquin County, Stockton, California.

Outstanding, January 2, 1931----- \$275,000 00  
 Unissued, 1939-1940 maturities----- 50,000 00

Authorized ----- \$325,000 00

Warrants—None.

Overlaps: Sacramento and San Joaquin Drainage District (Assessment No. 2).

Remarks: Reorganization in progress independently of other Delta Farms Reclamation districts due to the fact that the bonds are held by a single interest which owns or controls all of the district. Maintenance and operation continued by district organization.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

RECLAMATION DISTRICT No. 2047

Formation: Formed December 16, 1919, under the general reclamation district laws, the petition and order being filed and numbered on December 24, 1919. Includes Reclamation Districts Nos. 77, 91, 124, 275, 335, 336, 390, 447, 491, 522 and 857.

Location: In Glenn and Colusa counties and embraces all of the trough and a portion of the high lands of the Upper Colusa Basin in townships 14 to 21 north, ranges 1 and 2 west, M. D. B. and M. The district borders the west side of the Sacramento River for about 30 miles extending from Colusa northerly.

Area: Gross, 230,185 acres. Net, 230,185 acres assessed.

Financial: Bonds—R. D. No. 2047, 6%.

Dated July 1, 1924.

Due serially, 1934-1942, July 1 each year.

Denominations \$1,000 and one bond of \$683.29.

Interest Jan.-July 1, by Treasurer of Colusa County, Colusa, California.

Outstanding, January 2, 1931----- \$2,620,000 00  
 Unissued ----- 50,683 29

Authorized ----- \$2,670,683 29

MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1933-----	\$2,620,000			
1934-----	2,324,000	\$296,000	\$148,320	\$444,320
1935-----	2,028,000	296,000	130,560	426,560
1936-----	1,732,000	296,000	112,800	408,800
1937-----	1,436,000	296,000	95,040	391,040
1938-----	1,140,000	296,000	77,280	373,280
1939-----	844,000	296,000	59,520	355,520
1940-----	548,000	296,000	41,760	337,760
1941-----	252,000	296,000	24,000	320,000
1942-----		252,000	7,560	259,560

\$2,620,000

Warrants—\$175,000.

Overlaps: Sacramento and San Joaquin Drainage District (Assessment No. 6);  
 Levee District No. 1, Glenn County; Levee District No. 2, Glenn County.

Provident, Princeton-Codora-Glenn, Compton-Delevan, Maxwell, Glenn-Colusa, Williams and Jacinta irrigation districts.

**Remarks:** The bond and interest fund has a credit balance of \$32,539.52. The bond issue is secured by and rests upon the assessment on the gross area within the district.

Assessment No. 2 in the amount of \$585,000 was levied September 17, 1927. Three calls have been made as follows:

25% in September, 1927;

25% in November, 1928;

25% in November, 1929.

About \$80,000 of the above calls are still to be paid indicating an 18% delinquency.

Reclamation has been accomplished mainly by the construction of a canal through the natural trough of the Colusa drain to a connection with the back levee borrow pits of District No. 108, thence to the Sacramento River at a point near Knights Landing. Pumping plants have been installed at El Dorado Bend for use when the river stage is too high for expulsion by gravity. Irrigation is mainly provided from the works of the overlapping irrigation districts.

The soils of the area are the Columbia silt loams along the river, merging into the Sacramento clays and heavier soils of the Willows series on the west. The river soils are generally devoted to orchards, alfalfa and general crops, grain and rice being the principal crops of the heavier soils.

#### RECLAMATION DISTRICT No. 2048 (SUMMIT LAKE)

**Formation:** Formed June 5, 1920, under the general reclamation district laws, the petition and order being filed and numbered on June 14, 1920.

**Location:** In Kings County and being a portion of the Rancho Laguna de Tache in township 18 south, range 19 east, M. D. B. and M.

**Area:** Gross, 4295.44 acres. Net, 4295.44 acres. (As per petition for formation: 1922.16 acres.)

**Financial:** Bonds—None.

Warrants—\$67.50.

**Overlaps:** Laguna Irrigation District.

**Remarks:** One call has been made upon Assessment No. 1 dated November 7, 1928, and levied for maintenance in accordance with the provisions of section 3456-b of the Political Code. This assessment amounted to \$3.35 per \$100 of valuation.

Drainage works as constructed are not entirely adequate. Irrigation is received from the works of Laguna Irrigation District.

Soils consist of the loams and sandy loams of the Hanford and Merced series. Chief crops are grain, alfalfa and cotton.

#### RECLAMATION DISTRICT No. 2049 (No. 2)

**Formation:** Formed February 2, 1920, under the general reclamation district laws, the petition and order being filed and numbered on June 15, 1920.

**Location:** In Santa Cruz County two miles north of Watsonville, and being that portion of Ranchos Los Correlitos and Salsipuedes known as College Lake.

**Area:** Gross, 318.80 acres. Net, 318.80 acres.

**Financial:** Bonds—R. D. No. 2049, 6%.

Dated November 1, 1922.

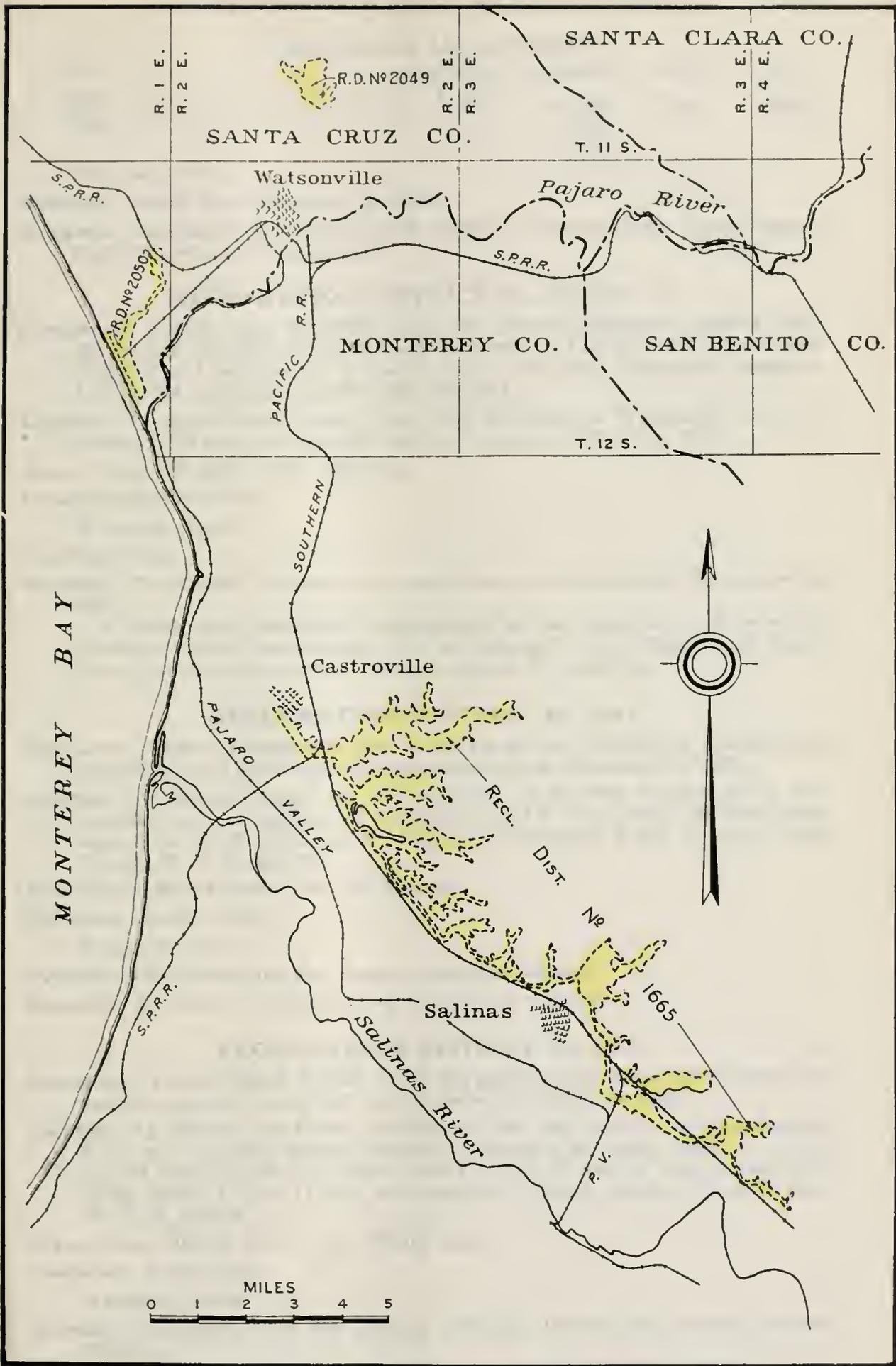
Due serially, 1924-1932, Jan. 1 each year.

Denomination \$1,000.

Interest Jan.-July 1, by treasurer of Santa Cruz County, Santa Cruz, California.

Outstanding January 2, 1931	-----	\$1,550 00
Retired	-----	16,000 00

Authorized	-----	\$17,550 00
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Reclamation Districts in Monterey Bay Area



## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930-----	\$3,550			
1931-----	1,550	\$2,000	\$93	\$2,093
1932-----		1,550		1,550
		<u>3,550</u>		
		\$3,550		

Warrants—None.

Overlaps: Pajaro River Protection District.

Remarks: Assessment called October 1930, \$2,300; no delinquencies. Credit balance \$2,495.96, bond and interest fund.

## RECLAMATION DISTRICT No. 2050 (No. 1)

**Formation:** Formed April 23, 1918, under the general reclamation district laws, the petition and order being filed and numbered on June 24, 1921. Formation validated and legalized by a special act of the State Legislature approved January 24, 1921, and in effect July 29, 1921.

**Location:** In Santa Cruz County, three miles southwest of Watsonville and contiguous to Watsonville Slough, Harkins Slough and Monterey Bay.

**Area:** Gross, 396 acres. Net, 396 acres.

**Financial:** Bonds—None.

Warrants—None.

Overlaps: None.

Remarks: The district fund has had a credit balance of \$4,692 since September 30, 1922.

A marsh land reclamation accomplished by the construction of levees to prevent overflow from Monterey Bay and drains for the collection and expulsion of excess surface waters. Area is planted to vegetables.

## RECLAMATION DISTRICT No. 2051

**Formation:** Formed December 6, 1920, under the general reclamation district laws, the petition and order being filed and numbered on December 21, 1920.

**Location:** In Merced County, on the west side of the San Joaquin River and extending through portions of townships 7 and 8 south, range 10 east, townships 8, 9, and 10 south, range 11 east, and townships 9 and 10 south, range 12 east, M. D. B. and M.

**Area:** Gross, 48,188 acres. Net, 45,779 acres.

**Financial:** Bonds—None.

Warrants—None.

Overlaps: Sacramento and San Joaquin Drainage District.

Remarks: No works. Formed to keep out of other districts.

## RECLAMATION DISTRICT No. 2053

**Formation:** Formed March 7, 1921, under the general reclamation district laws, the petition and order being filed and numbered on March 10, 1921.

**Location:** In Merced and Fresno counties, on the west side of the San Joaquin River and extending through portions of township 10 south, ranges 10, 11, 12 and 13 east, township 11 south, ranges 11, 12, 13 and 14 east, township 12 south, ranges 13 and 14 east, and township 13 south, ranges 14 and 15 east, M. D. B. and M.

**Area:** Gross, 103,790 acres. Net, 98,600 acres.

**Financial:** Bonds—None.

Warrants—None.

Overlaps: Sacramento and San Joaquin Drainage District, Dos Palos Drainage District.

Remarks: Has no works, having been formed to keep out of other district.

## RECLAMATION DISTRICT No. 2054

**Formation:** Formed May 3, 1921, under the general reclamation district laws, the petition and order being filed and numbered on May 5, 1921. Includes part of 831, the creation of which was repealed.

**Location:** In Sutter and Butte counties, lying contiguous to the eastern base of the Sutter Buttes, and being portions of townships 16 and 17 north, range 2 east, M. D. B. and M.

**Area:** Gross, 12,911 acres. Net, 12,265 acres.

**Financial:** *Bonds*—R. D. No. 2054, 6%.

Dated July 1, 1922.

Due serially, 1932-1942, July 1 each year.

Denominations \$1,000, and one bond of \$33.34.

Interest Jan.-July 1, by Treasurer of Sutter County, Yuba City, California.

Outstanding, January 2, 1931	\$249,000 00
Retired	33 34

Authorized	\$249,033 34
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R. D. No. 2054, 6%.

Dated January 1, 1925.

Due serially, 1944-1949, January 1 each year.

Denominations \$1,000 and one bond of \$57.66.

Interest Jan.-July 1, by Treasurer of Sutter County, Yuba City, California.

Outstanding and authorized, January 2, 1931, \$72,057.66.

## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1931	\$321,057			
1932	292,057	\$29,000	\$18,393	\$47,393
1933	270,057	22,000	16,863	38,863
1934	248,057	22,000	15,543	37,543
1935	226,057	22,000	14,223	36,223
1936	204,057	22,000	12,903	34,903
1937	182,057	22,000	11,583	33,583
1938	160,057	22,000	10,263	32,263
1939	138,057	22,000	8,943	30,943
1940	116,057	22,000	7,623	29,623
1941	94,057	22,000	6,303	28,303
1942	72,057	22,000	4,983	26,983
1943	72,057	00,000	4,323	4,323
1944	60,000	12,057	3,600	15,657
1945	48,000	12,000	2,880	14,880
1946	36,000	12,000	2,160	14,160
1947	24,000	12,000	1,440	13,440
1948	12,000	12,000	720	12,720
1949		12,000		12,000
		\$321,057		

*Warrants*—\$15,036.

**Overlaps:** Sacramento and San Joaquin Drainage District.

**Remarks:** The district fund has a credit balance of \$3,661.65.

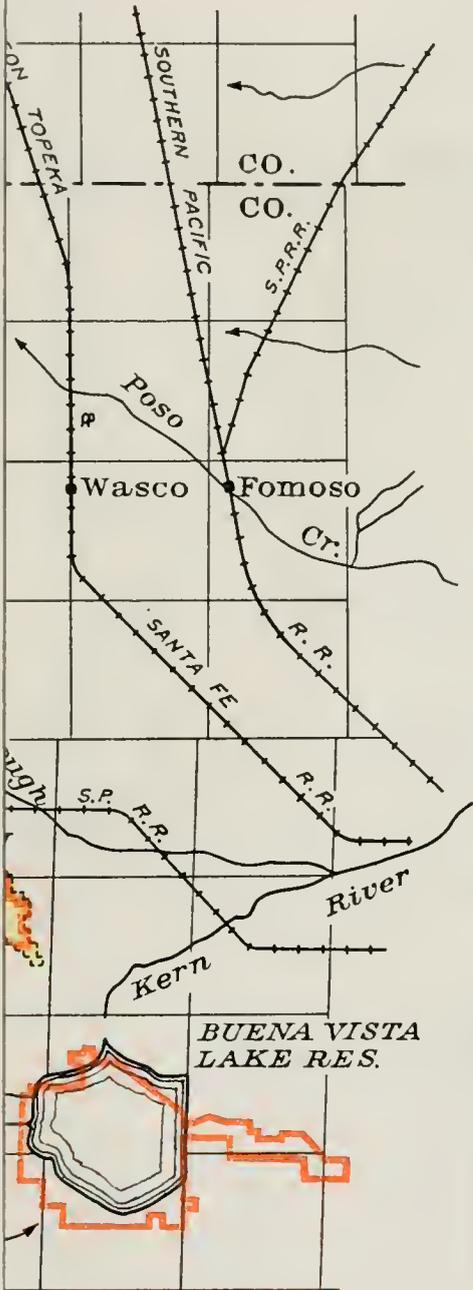
As in the case of the adjoining district, No. 2056, drainage is the major problem. Through a system of canals, drainage waters are carried to and expelled into Sutter By-Pass. Irrigation water is received from the system of Sutter Butte Canal Company.

The soils are classified as Madera and Gridley loams, spotted with Madera and Gridley clay loams; the heavier Madera and Gridley clays are found in a small area along the base of the Marysville Buttes. Peach and prune orchards are in evidence and a large portion of the district area is given over to the production of grain and rice.

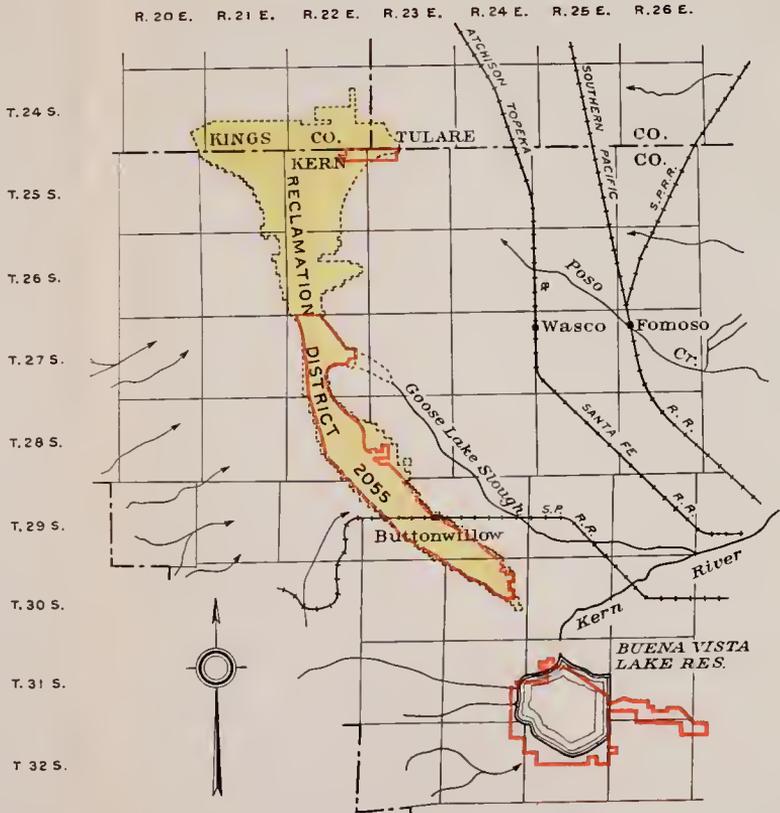
## RECLAMATION DISTRICT No. 2055

**Formation:** Formed May 3, 1921, under the general reclamation district laws, the petition and order being filed and numbered on May 18, 1921.

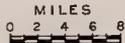
R. 24 E. R. 25 E. R. 26 E.



Storage District



LEGEND  
 — Boundaries of Buena Vista Water Storage District



**Location:** In Kern County, including the swamp and overflowed lands lying northwest and southeast of Buttonwillow and being portions of townships 25 to 30 south, ranges 21 to 24 east, M. D. B. and M.

**Area:** Gross, 85,892 acres. Net, 81,597 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Buena Vista Water Storage District.

**Remarks:** Area partially reclaimed and in the process of reclamation at the time of district formation. Flood control, drainage and irrigation works have been taken over by Buena Vista Water Storage District.

The soils of the main body are of the Fresno series merging with lake bed sediment in the extreme northern area. Alfalfa, grain and corn are grown.

**RECLAMATION DISTRICT No. 2056**

**Formation:** Formed August 2, 1921, under the general reclamation district laws, the petition and order being filed and numbered on August 4, 1921. Formation validated by a special act of the State Legislature approved April 26, 1923 (Stats. 1923:73). Includes part of S31, the creation of which was repealed.

**Location:** In Sutter and Butte counties, east of and adjoining Reclamation District 2054 and being portions of township 16 north, ranges 2 and 3 east, and township 17 north, ranges 2 and 3 east, M. D. B. and M.

**Area:** Gross, 9120.88 acres. Net, 8665 acres. (5477.05 acres in Sutter County, and 3643.83 acres in Butte County.)

**Financial:** *Bonds*—R. D. No. 2056, 6%.

Dated July 1, 1923.

Due serially, 1925-1943, January 1 each year.

Denominations: \$1,000 and one bond of \$285.32.

Outstanding, January 2, 1931----- \$130,000 00

Retired ----- 77,285 32

Authorized ----- \$207,285 32

**MATURITIES AND INTEREST**

Year	Outstanding	Maturities	Interest	Total
1930-----	\$141,000			
1931-----	130,000	\$11,000	\$7,800	\$18,800
1932-----	120,000	10,000	7,200	17,200
1933-----	110,000	10,000	6,600	16,600
1934-----	99,000	11,000	5,940	16,940
1935-----	88,000	11,000	5,280	16,280
1936-----	77,000	11,000	4,620	15,620
1937-----	66,000	11,000	3,960	14,960
1938-----	55,000	11,000	3,300	14,300
1939-----	44,000	11,000	2,640	13,640
1940-----	33,000	11,000	1,980	12,980
1941-----	22,000	11,000	1,320	12,320
1942-----	11,000	11,000	660	11,660
1943-----		11,000		11,000
		\$141,000		

*Warrants*—\$18,119.

**Overlaps:** Sacramento and San Joaquin Drainage District.

**Remarks:** The district fund has a credit balance of \$415.12.

The reclamation of this area is dependent upon drainage. Through a system of canals drainage waters are conducted to and expelled into Sutter By-Pass. Irrigation water is received from the system of Sutter-Butte Canal Company.

Soils are classified as Madera and Gridley loams, spotted with areas of Madera and Gridley clay loams. Some orchard plantings have been made. The greater portion of the district is given over to the production of rice and grain.

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**Location:** In Kern County, including the swamp and overflowed lands lying northwest and southeast of Buttonwillow and being portions of townships 25 to 30 south, ranges 21 to 24 east, M. D. B. and M.

**Area:** Gross, 85,892 acres. Net, 81,597 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Buena Vista Water Storage District.

**Remarks:** Area partially reclaimed and in the process of reclamation at the time of district formation. Flood control, drainage and irrigation works have been taken over by Buena Vista Water Storage District.

The soils of the main body are of the Fresno series merging with lake bed sediment in the extreme northern area. Alfalfa, grain and corn are grown.

**RECLAMATION DISTRICT No. 2056**

**Formation:** Formed August 2, 1921, under the general reclamation district laws, the petition and order being filed and numbered on August 4, 1921. Formation validated by a special act of the State Legislature approved April 26, 1923 (Stats. 1923:73). Includes part of 831, the creation of which was repealed.

**Location:** In Sutter and Butte counties, east of and adjoining Reclamation District 2054 and being portions of township 16 north, ranges 2 and 3 east, and township 17 north, ranges 2 and 3 east, M. D. B. and M.

**Area:** Gross, 9120.88 acres. Net, 8665 acres. (5477.05 acres in Sutter County, and 3643.83 acres in Butte County.)

**Financial:** *Bonds*—R. D. No. 2056, 6%.

Dated July 1, 1923.

Due serially, 1925–1943, January 1 each year.

Denominations: \$1,000 and one bond of \$285.32.

Outstanding, January 2, 1931----- \$130,000 00

Retired ----- 77,285 32

Authorized ----- \$207,285 32

**MATURITIES AND INTEREST**

Year	Outstanding	Maturities	Interest	Total
1930-----	\$141,000			
1931-----	130,000	\$11,000	\$7,800	\$18,800
1932-----	120,000	10,000	7,200	17,200
1933-----	110,000	10,000	6,600	16,600
1934-----	99,000	11,000	5,940	16,940
1935-----	88,000	11,000	5,280	16,280
1936-----	77,000	11,000	4,620	15,620
1937-----	66,000	11,000	3,960	14,960
1938-----	55,000	11,000	3,300	14,300
1939-----	44,000	11,000	2,640	13,640
1940-----	33,000	11,000	1,980	12,980
1941-----	22,000	11,000	1,320	12,320
1942-----	11,000	11,000	660	11,660
1943-----		11,000		11,000

\$141,000

*Warrants*—\$18,119.

**Overlaps:** Sacramento and San Joaquin Drainage District.

**Remarks:** The district fund has a credit balance of \$415.12.

The reclamation of this area is dependent upon drainage. Through a system of canals drainage waters are conducted to and expelled into Sutter By-Pass. Irrigation water is received from the system of Sutter-Butte Canal Company.

Soils are classified as Madera and Gridley loams, spotted with areas of Madera and Gridley clay loams. Some orchard plantings have been made. The greater portion of the district is given over to the production of rice and grain.

## RECLAMATION DISTRICT No. 2058 (PESCADERO)

**Formation:** Formed November 7, 1921, under the general reclamation district laws, the petition and order being filed and numbered on November 10, 1921.

**Location:** In San Joaquin County, lying south of the Paradise Cut, and being a portion of the Rancho El Pescadero in townships 1 and 2 south, ranges 5 and 6 east, M. D. B. and M.

**Area:** Gross, 8500 acres. Net, 8418.34 acres.

**Financial: Bonds**—Bonds adjudged a valid legal obligation of the district by decree of the Superior Court in and for San Joaquin County in 1922. Certified as legal investment by Superintendent of Banks.

R. D. No. 2058, 6%, first issue.

Dated January 1, 1922.

Due serially, 1931-1942, January 1 each year.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of San Joaquin County, Stockton, California.

Outstanding, January 2, 1931----- \$288,000 00

Retired ----- 12,000 00

Authorized ----- \$300,000 00

R. D. No. 2058, 6%, second issue.

Dated July 1, 1924.

Due serially, 1943-1954, July 1 each year: \$11,661.95, 1943; \$11,000, 1944-1949; \$12,000, 1950-1954.

Redeemable at 102 on any interest payment date, in order of maturity, upon 30 days' notice.

Denominations \$1,000 and one bond of \$661.95.

Interest Jan.-July 1, by Treasurer of San Joaquin County, Stockton, California.

Outstanding and authorized, January 2, 1931----- \$137,661 95

## MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930	\$437,662			
1931	425,662	\$12,000	\$25,539	\$37,539
1932	407,662	18,000	24,459	42,459
1933	380,662	27,000	22,839	49,839
1934	353,662	27,000	21,219	48,219
1935	326,662	27,000	19,599	46,599
1936	299,662	27,000	17,979	44,979
1937	272,662	27,000	16,359	43,359
1938	245,662	27,000	14,739	41,739
1939	218,662	27,000	13,119	40,119
1940	191,662	27,000	11,499	38,499
1941	164,662	27,000	9,879	36,879
1942	137,662	27,000	8,259	35,259
1943	126,000	11,662	7,909	19,571
1944	115,000	11,000	7,230	18,230
1945	104,000	11,000	6,570	17,570
1946	93,000	11,000	5,910	16,910
1947	82,000	11,000	5,250	16,250
1948	71,000	11,000	4,590	15,590
1949	60,000	11,000	3,930	14,930
1950	48,000	12,000	3,240	15,240
1951	36,000	12,000	2,520	14,520
1952	24,000	12,000	1,800	13,800
1953	12,000	12,000	1,080	13,080
1954		12,000	360	12,360
		\$437,662		

Warrants—\$48,000.

**Overlaps:** Sacramento and San Joaquin Drainage District.

**Remarks:** The district is adequately leveed and drained and irrigation water is obtained from the San Joaquin River. The lands have been subdivided and a portion was leveled and checked for alfalfa by the original owners prior to sale. The soils vary from a light loam in the higher area to a dark, sedimentary loam on the lands adjacent to the river. Grain, alfalfa and vegetables are the chief crops.

**RECLAMATION DISTRICT No. 2059 (BRADFORD ISLAND)**

**Formation:** Formed November 21, 1921, under the general reclamation district laws, the petition and order being filed and numbered on November 25, 1921. Includes parts of 2 and 160.

**Location:** In Contra Costa County at the junction of the San Joaquin and False rivers and being a portion of township 3 north, range 3 east, M. D. B. and M.

**Area:** Gross, 2159 acres. Net, 2051 acres.

**Financial:** Bonds—None.

Warrants—\$566.20.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** Last assessment paid with only one delinquency. A new assessment of about \$4 per acre will be payable on January 1, 1931. The last warrant was paid on November 6, 1930, leaving a credit balance of \$510.88.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

**RECLAMATION DISTRICT No. 2060 (HASTINGS TRACT)**

**Formation:** Formed January 3, 1922, under the general reclamation district laws, the petition and order being filed and numbered on January 5, 1922. Formerly 218. Includes 84.

**Location:** In Solano County, lying between Cache and Lindsay sloughs and being a portion of township 5 north, range 2 east, M. D. B. and M.

**Area:** Gross, 7396.77 acres. Net, 7396.77 acres assessed.

**Financial:** Bonds—R. D. No. 2060, 6%.

Dated August 1, 1922.

Due serially, 1926-1942, July 1 each year.

Denominations \$1,000 and \$500.

Interest Jan.-July 1, by Treasurer of Solano County, Fairfield, California.

Outstanding, January 2, 1931----- \$440,000 00

Retired ----- 60,000 00

Authorized ----- \$500,000 00

**MATURITIES AND INTEREST**

Year	Outstanding	Maturities	Interest	Total
1930-----	\$440,600			
1931-----	420,000	\$20,000	\$25,800	\$445,800
1932-----	400,000	20,000	24,600	444,600
1933-----	360,000	40,000	22,800	422,800
1934-----	320,000	40,000	20,400	380,400
1935-----	280,000	40,000	18,000	338,000
1936-----	240,000	40,000	15,600	295,600
1937-----	200,000	40,000	13,200	253,200
1938-----	160,000	40,000	10,800	210,800
1939-----	120,000	40,000	8,400	168,400
1940-----	80,000	40,000	6,000	126,000
1941-----	40,000	40,000	3,600	83,600
1942-----		40,000	1,200	41,200
				\$440,000

Warrants—None.

The greater portion of the district is in one ownership.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** From a reclamation standpoint this district is divided into three areas independently leveed, drained and irrigated. i.e.,

Area No. 1—Portion north of Ulatis Creek By-Pass.

Area No. 2—Portion between Ulatis Creek By-Pass and Hastings Cut.

Area No. 3—Portion southeast of Hastings Cut.

The soils of the entire tract are typical clay loams sedimentary in origin, having been formed from the overflow of the Sacramento River, Cache and Lindsay sloughs and Ulatis Creek.

The soils of Area No. 3 are deep and fertile, with an admixture of silt high in humus and well supplied with lime. The chief crops of this area are asparagus and celery.

The soils of Areas Nos. 1 and 2 are somewhat heavier in texture and more compact. Grain is the chief crop on these soils.

#### RECLAMATION DISTRICT No. 2061 (TUBBS ISLAND)

**Formation:** Formed May 8, 1922, under the general reclamation district laws, the petition and order being filed and numbered on May 15, 1922.

**Location:** In Sonoma County, lying between Sonoma and Tolay creeks on San Pablo Bay and being portions of townships 3 and 4 north, range 5 west, M. D. B. and M.

**Areas:** Gross, 2929.76 acres. Net, 2441.88 acres.

**Financial: Bonds**—In default. Interest due July 1, 1929, and subsequent dates not paid. January 1, 1930, maturity not paid.

R. D. No. 2061, 6%, serial.

Dated October 1, 1922.

Due serially, 1930-1942, January 1 each year: \$8,791, 1930; \$15,000, 1931; \$20,000, 1932-1942.

Denominations \$1,000 and one bond of \$791.

Interest Jan.-July 1, by Treasurer of Sonoma County at Santa Rosa, California.

Outstanding, January 2, 1931----- \$203,791 00

Unissued ----- 40,000 00

Authorized ----- \$243,791 00

Warrants—\$32,613.12.

**Overlaps:** None.

**Remarks:** The district has open accounts subject to the issuance of warrants in the amount of \$22,153.57. There have been three assessment calls, each in the amount of \$6,113.73, the last call having been made on April 2, 1930. Plans for the reorganization of the district are in progress. District reclamation and drainage works are being maintained by owners of the acreage subject to the lien of the bonds.

Small dikes were constructed around the island as early as 1882 and property has been continuously cropped ever since. Levees of greater height and section and a drainage system consisting of canals, laterals and a pumping plant were constructed in 1917. Subirrigation has been the practice.

The soils are clay loams with high organic matter content and grain has been the chief crop.

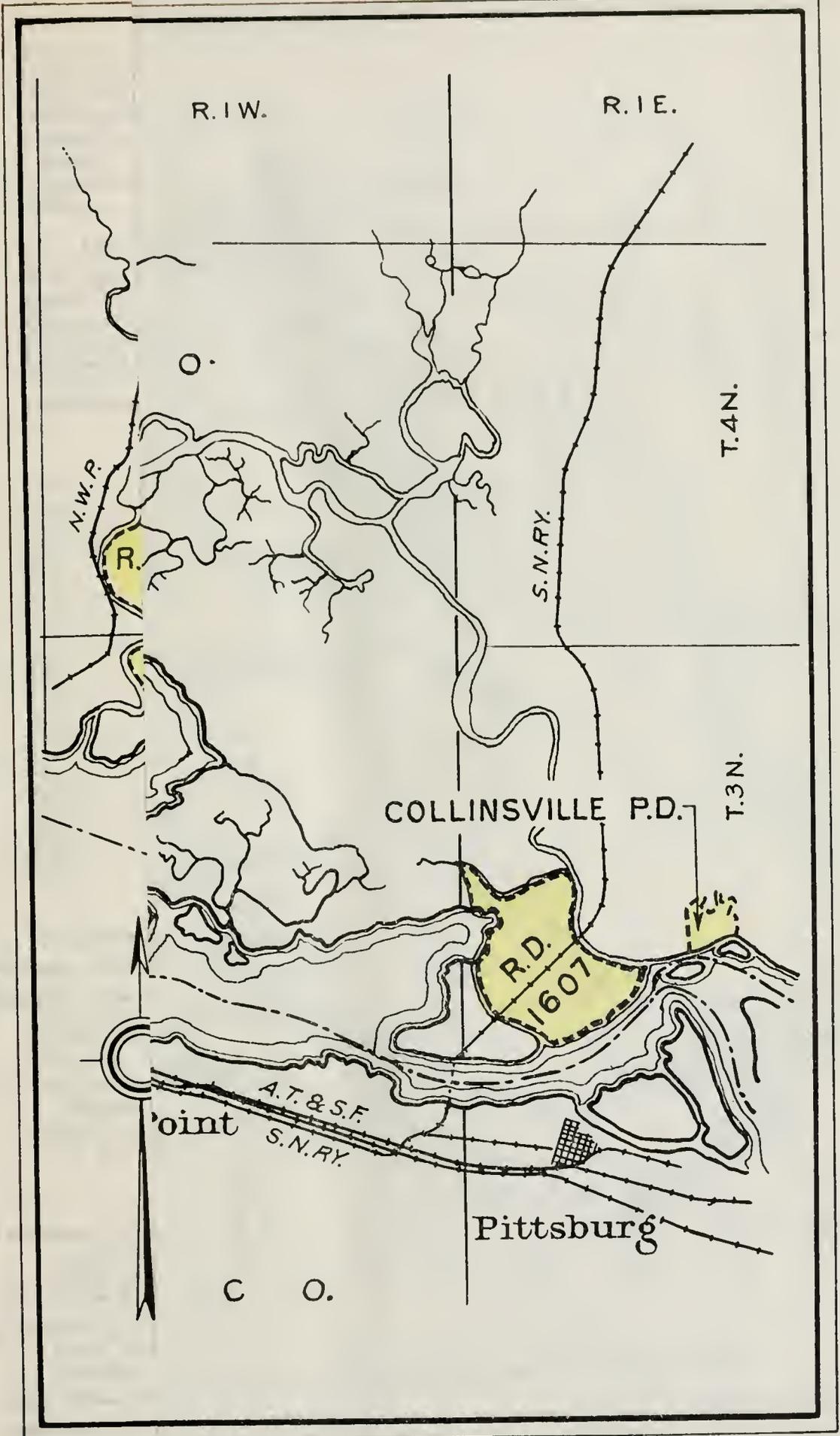
#### RECLAMATION DISTRICT No. 2062 (ISLAND)

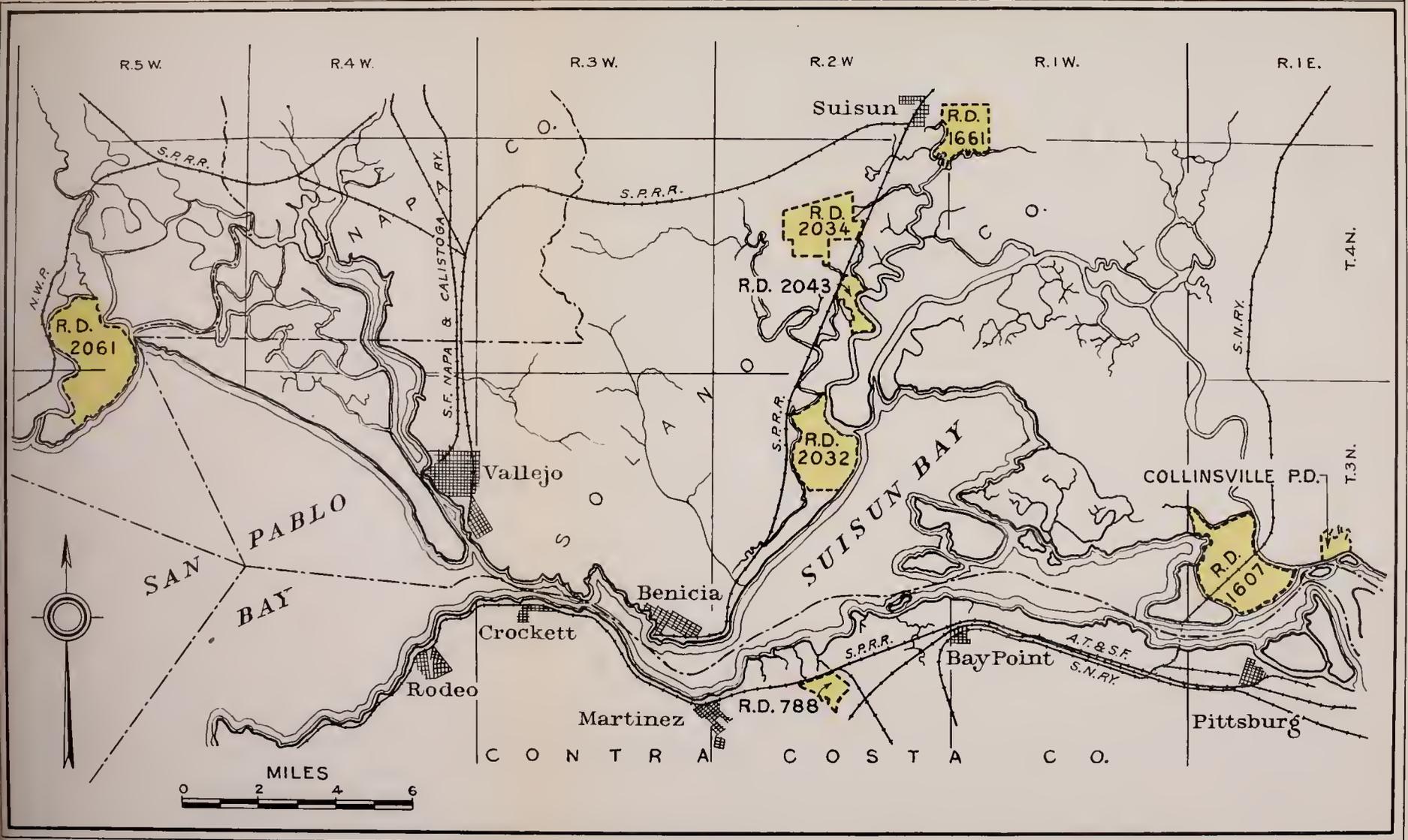
**Formation:** Formed July 3, 1922, under the general reclamation district laws, the petition and order being filed and numbered on July 5, 1922.

**Location:** In San Joaquin County, lying west of the San Joaquin River between Middle River and Paradise Cut, and being a portion of Rancho El Pesadero in townships 1 and 2 south, ranges 5 and 6 east, M. D. B. and M.

**Area:** Gross, 4700 acres. Net, 4012 acres.

**Financial: Bonds**—Bonds adjudged a valid legal obligation of the district by decree of the Superior Court in and for San Joaquin County in 1923.





R. D. No. 2062, 6% first issue.

Dated January 1, 1923.

Due serially, 1931-1943, January 1 each year.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of San Joaquin County, Stockton, California.

Outstanding, January 2, 1931----- \$240,000 00

Retired ----- 10,000 00

Authorized ----- \$250,000 00

R. D. No. 2062, 6% second issue.

Dated July 1, 1923.

Due serially, 1944-1953, July 1, \$15,000 each year.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of San Joaquin County, Stockton, California.

Outstanding and authorized, January 2, 1931----- \$150,000 00

MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930-----	\$400,000			
1931-----	390,000	\$10,000	\$23,400	\$33,400
1932-----	380,000	10,000	22,800	32,800
1933-----	370,000	10,000	22,200	32,200
1934-----	348,000	22,000	20,880	42,880
1935-----	326,000	22,000	19,560	41,560
1936-----	304,000	22,000	18,240	40,240
1937-----	282,000	22,000	16,920	38,920
1938-----	260,000	22,000	15,600	37,600
1939-----	238,000	22,000	14,280	36,280
1940-----	216,000	22,000	12,960	34,960
1941-----	194,000	22,000	11,640	33,640
1942-----	172,000	22,000	10,320	32,320
1943-----	150,000	22,000	9,000	31,000
1944-----	135,000	15,000	8,550	23,550
1945-----	120,000	15,000	7,650	22,650
1946-----	105,000	15,000	6,750	21,750
1947-----	90,000	15,000	5,850	20,850
1948-----	75,000	15,000	4,950	19,950
1949-----	60,000	15,000	4,050	19,050
1950-----	45,000	15,000	3,150	18,150
1951-----	30,000	15,000	2,250	17,250
1952-----	15,000	15,000	1,350	16,350
1953-----		15,000	450	15,450

\$400,000

Warrants—\$21,000.

Overlaps: Sacramento and San Joaquin Drainage District.

Remarks: The district is protected by adequate levees along San Joaquin River, Old River and Paradise Cut. A system of drainage canals and laterals conducts excess water to a sump, from which it is expelled by pumping. Irrigation water is furnished by three pumps on the San Joaquin and Old rivers and two on Paradise Cut.

The soils are classified as Sacramento clay loams in the north half of the district and Hanford loams in the southern portion. The chief crops have been barley, potatoes, onions, beans and truck.

RECLAMATION DISTRICT No. 2063

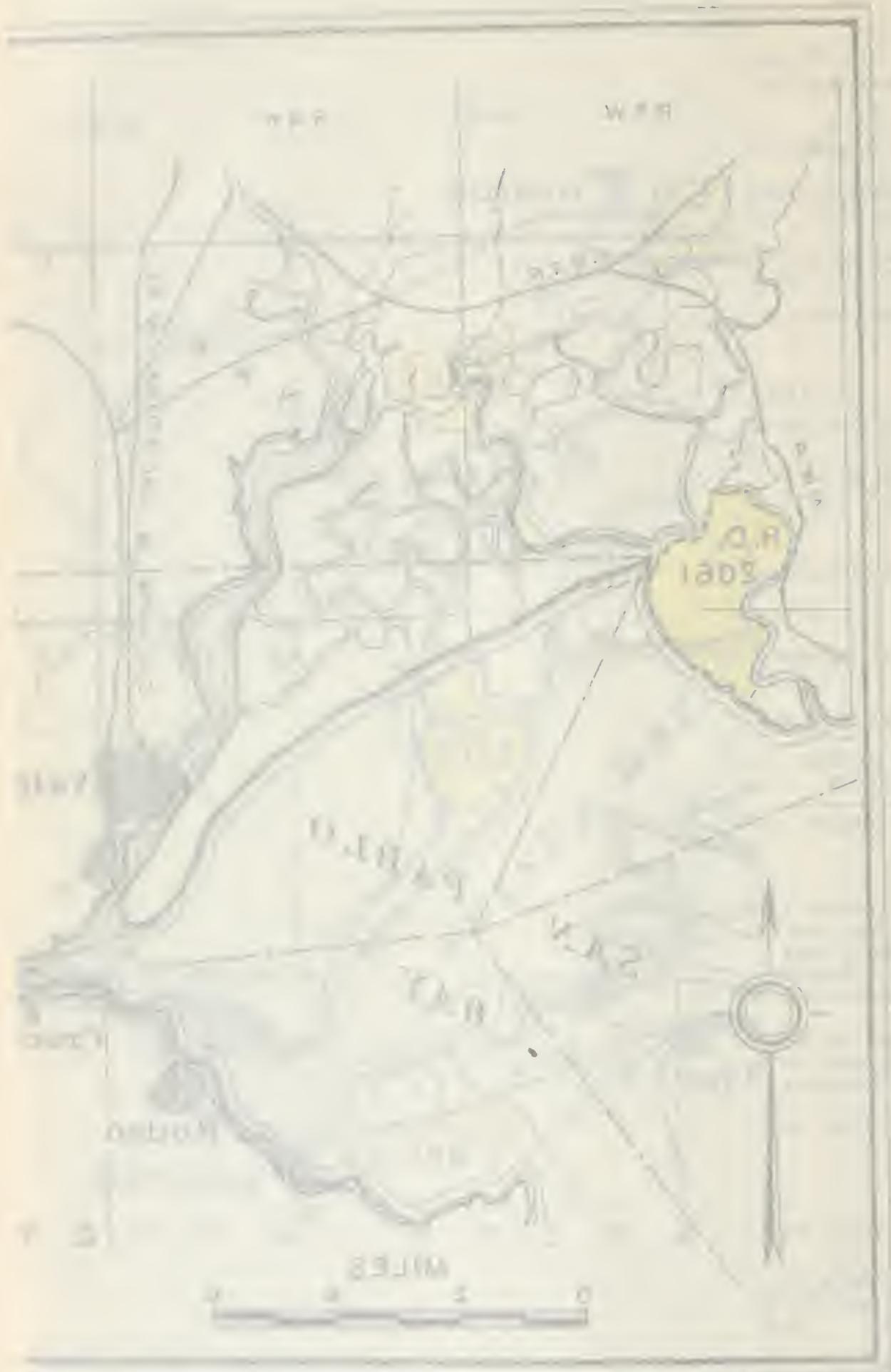
Formation: Formed August 15, 1922, under the general reclamation district laws, the petition and order being filed and numbered on August 18, 1922. The district boundaries are described and the formation validated by a special act of the State Legislature approved May 18, 1923 (Stats. 1923:423).

Location: In Stanislaus and Merced counties, on the east bank of the San Joaquin River, and being a portion of sections 5, 7, 8, 9, 15, 16, 17, 20, 21 and 22, township 6 south, range 9 east, M. D. B. and M.

Area: Gross, 1751.90 acres. Net, 1664 acres.

Financial: Bonds—None.

Warrants—\$16,177.



R. D. No. 2062, 6%, first issue.

Dated January 1, 1923.

Due serially, 1931-1943, January 1 each year.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of San Joaquin County, Stockton, California.

Outstanding, January 2, 1931----- \$240,000 00

Retired ----- 10,000 00

Authorized ----- \$250,000 00

R. D. No. 2062, 6%, second issue.

Dated July 1, 1923.

Due serially, 1944-1953, July 1, \$15,000 each year.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of San Joaquin County, Stockton, California.

Outstanding and authorized, January 2, 1931----- \$150,000 00

MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930-----	\$400,000			
1931-----	390,000	\$10,000	\$23,400	\$33,400
1932-----	380,000	10,000	22,800	32,800
1933-----	370,000	10,000	22,200	32,200
1934-----	348,000	22,000	20,880	42,880
1935-----	326,000	22,000	19,560	41,560
1936-----	304,000	22,000	18,240	40,240
1937-----	282,000	22,000	16,920	38,920
1938-----	260,000	22,000	15,600	37,600
1939-----	238,000	22,000	14,280	36,280
1940-----	216,000	22,000	12,960	34,960
1941-----	194,000	22,000	11,640	33,640
1942-----	172,000	22,000	10,320	32,320
1943-----	150,000	22,000	9,000	31,000
1944-----	135,000	15,000	8,550	23,550
1945-----	120,000	15,000	7,650	22,650
1946-----	105,000	15,000	6,750	21,750
1947-----	90,000	15,000	5,850	20,850
1948-----	75,000	15,000	4,950	19,950
1949-----	60,000	15,000	4,050	19,050
1950-----	45,000	15,000	3,150	18,150
1951-----	30,000	15,000	2,250	17,250
1952-----	15,000	15,000	1,350	16,350
1953-----		15,000	450	15,450

\$400,000

Warrants—\$21,000.

Overlaps: Sacramento and San Joaquin Drainage District.

Remarks: The district is protected by adequate levees along San Joaquin River, Old River and Paradise Cut. A system of drainage canals and laterals conducts excess water to a sump, from which it is expelled by pumping. Irrigation water is furnished by three pumps on the San Joaquin and Old rivers and two on Paradise Cut.

The soils are classified as Sacramento clay loams in the north half of the district and Hanford loams in the southern portion. The chief crops have been barley, potatoes, onions, beans and truck.

RECLAMATION DISTRICT No. 2063

Formation: Formed August 15, 1922, under the general reclamation district laws, the petition and order being filed and numbered on August 18, 1922. The district boundaries are described and the formation validated by a special act of the State Legislature approved May 18, 1923 (Stats. 1923:423).

Location: In Stanislaus and Merced counties, on the east bank of the San Joaquin River, and being a portion of sections 5, 7, 8, 9, 15, 16, 17, 20, 21 and 22, township 6 south, range 9 east, M. D. B. and M.

Area: Gross, 1751.90 acres. Net, 1664 acres.

Financial: Bonds—None.

Warrants—\$16,177.

**Overlaps:** Sacramento and San Joaquin Drainage District and Turlock Irrigation District.

**Remarks:** Last warrant issued in 1927. Nearly all the warrants were registered in 1923 and have not been renewed.

Lands are protected from overflow by levees. Portion of area receives water for irrigation from Turlock Irrigation District.

Soils are of the Madera and San Joaquin sandy loams. Chief crops are garden truck and melons.

#### RECLAMATION DISTRICT No. 2064 (RIVER JUNCTION)

**Formation:** Formed April 3, 1923, under the general reclamation district laws, the petition and order being filed and numbered on April 5, 1923.

**Location:** In San Joaquin County at the junction of the San Joaquin and Stanislaus rivers and being portions of township 3 south, ranges 6 and 7 east, and township 2 south, range 7 east, M. D. B. and M.

**Area:** Gross, 5075 acres. Net, 4890 acres.

**Financial: Bonds**—In default. Principal maturity of the first issue due January 1, 1930, not paid. Interest due on both issues not paid.

River Junction R. D. No. 2064, 6% (first issue).

Dated January 1, 1924.

Due serially, 1930–1944, January 1, each year: \$5,000, 1930; \$6,000, 1931; \$7,000, 1932; \$8,000, 1933; \$11,500, 1934; \$33,500, 1935–1943; \$33,000, 1944.

Denominations \$1,000, \$500.

Interest Jan.-July 1, by Treasurer of San Joaquin County, Stockton, California.

Outstanding and authorized, January 2, 1931-----\$372,000

River Junction R. D. No. 2064, 6% (second issue).

Dated August 27, 1926.

Due serially, 1945–1949, January 1 each year, \$20,000 each year.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of San Joaquin County, Stockton, California.

Outstanding and authorized, January 2, 1931-----\$100,000

Warrants—\$44,054.

**Overlaps:** Sacramento and San Joaquin Drainage District.

**Remarks:** Approximately 33% of the acreage of the district became delinquent on January 1, 1931, and passed to the County Treasurer as trustee of the bond fund. The balance of the acreage may not be able to carry the total calls on assessments to meet the increasing annual bond maturities. Effort is being made to dispose of the delinquent lands. A bondholders committee has been appointed and reorganization plans are being considered.

District at present is surrounded by levees of ample height and cross section. Drainage requirements are properly provided for. Irrigation water is furnished from pumping plants located on the Stanislaus and San Joaquin rivers.

The debt of this district was materially increased by improper original levee construction necessitating reconstruction some few years ago.

The soils of the area are mainly Hanford loams, with Fresno loams and Fresno sandy loams in the northerly portion of the district. Chief crops are alfalfa, beans, corn and grain.

#### RECLAMATION DISTRICT No. 2065 (VEALE TRACT)

**Formation:** Formed April 2, 1923, under the general reclamation district laws, the petition and order being filed and numbered on April 9, 1923. Includes part of 107.

**Location:** In Contra Costa County, lying south of Rock Slough, and being portions of townships 1 and 2 north, range 3 east, M. D. B. and M.

**Area:** Gross, 1363.20 acres. Net, 1295 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** Area is partly subdivided and the district was formed to care for rights of purchasers and maintenance of levees. There are no district liens upon the lands.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

### RECLAMATION DISTRICT No. 2066 (ABBOTT LAKE)

**Formation:** Formed February 4, 1924, under the general reclamation district laws, the petition and order being filed and numbered on February 5, 1924.

**Location:** In Sutter County, on the west bank of the Feather River, and being portions of sections 26, 35 and 36, township 14 north, range 3 east, M. D. B. and M.

**Area:** Gross, 607.83 acres. Net, 515.85 acres. (As per petition for formation: 610 acres.)

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 6).

**Remarks:** No fund in treasurer's office.

Lands lie outside of main river levee and in Feather River overflow area. Soils are classified as Madera clay loams. Crops are confined to such classifications as may be planted and harvested between high water periods.

### RECLAMATION DISTRICT No. 2067 (BRANNAN ISLAND)

**Formation:** Formed March 24, 1924, under the general reclamation district laws, the petition and order being filed and numbered on March 28, 1924. Includes 74, 76, 129 and part of 148.

**Location:** In Sacramento County, on the east bank of the Sacramento River, opposite Rio Vista and being portions of township 3 north, range 2 east, and townships 3 and 4 north, range 3 east, M. D. B. and M.

**Area:** Gross, 7262.87 acres. Net, 6900 acres. (7271.16 acres as per petition for formation.)

**Financial:** *Bonds*—None.

*Warrants*—\$93,876.17.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** The district fund has a credit balance of \$924. The last assessment levied was called May 4, 1925.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

### RECLAMATION DISTRICT No. 2068

**Formation:** Formed April 7, 1924, under the general reclamation district laws, the petition and order being filed and numbered on May 1, 1924.

**Location:** In Solano and Yolo counties (14.95% of area in Yolo County), lying west of the Yolo By-Pass and six miles east of Dixon, and being portions of townships 6 and 7 north, range 2 east, and townships 6 and 7 north, range 3 east, M. D. B. and M.

**Area:** Gross, 13,610 acres. Net, 13,000 acres.

**Financial: Bonds—R. D. No. 2068, 6%.**

Dated July 1, 1926.

Due serially, 1936-1946, July 1 each year.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of Solano County, Fairfield, California.

Outstanding and authorized, January 2, 1931-----\$550,000

#### MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1935 -----	\$550,000			
1936 -----	490,000	\$60,000	\$31,200	\$91,200
1937 -----	441,000	49,000	27,930	76,930
1938 -----	392,000	49,000	24,990	73,990
1939 -----	343,000	49,000	22,050	71,050
1940 -----	294,000	49,000	19,110	68,110
1941 -----	245,000	49,000	16,170	65,170
1942 -----	196,000	49,000	13,230	62,230
1943 -----	147,000	49,000	10,290	59,290
1944 -----	98,000	49,000	7,350	56,350
1945 -----	49,000	49,000	4,410	53,410
1946 -----		49,000	1,470	50,470
		\$550,000		

Warrants—\$105,205.82.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** The primary function of this district is irrigation, as only a small portion of the area is subject to overflow. The proponents originally attempted to form under the irrigation district laws and failing in this the district was organized as a reclamation district.

Irrigation water is pumped from Haas Slough.

The soils are mainly Capay and Yolo clay loams and clays with a small area in Yolo loam. Grain and alfalfa are the chief crops.

### RECLAMATION DISTRICT No. 2069 (CLARK'S FORK)

**Formation:** Formed November 21, 1924, under the general reclamation district laws, the petition and order being filed and numbered on November 24, 1924.

**Location:** In Kings County, bounded by the South Fork of Kings River and Clark's Fork, and includes parts of township 18 south, ranges 19 and 20 east, M. D. B. and M.

**Area:** Gross, 2449.24 acres. Net, 2299.41 acres. (As per petition for formation: 2299.71 acres.)

**Financial: Bonds—R. D. No. 2069, 6%.**

Dated March 1, 1926.

Due serially, 1931-1940, January 1 each year.

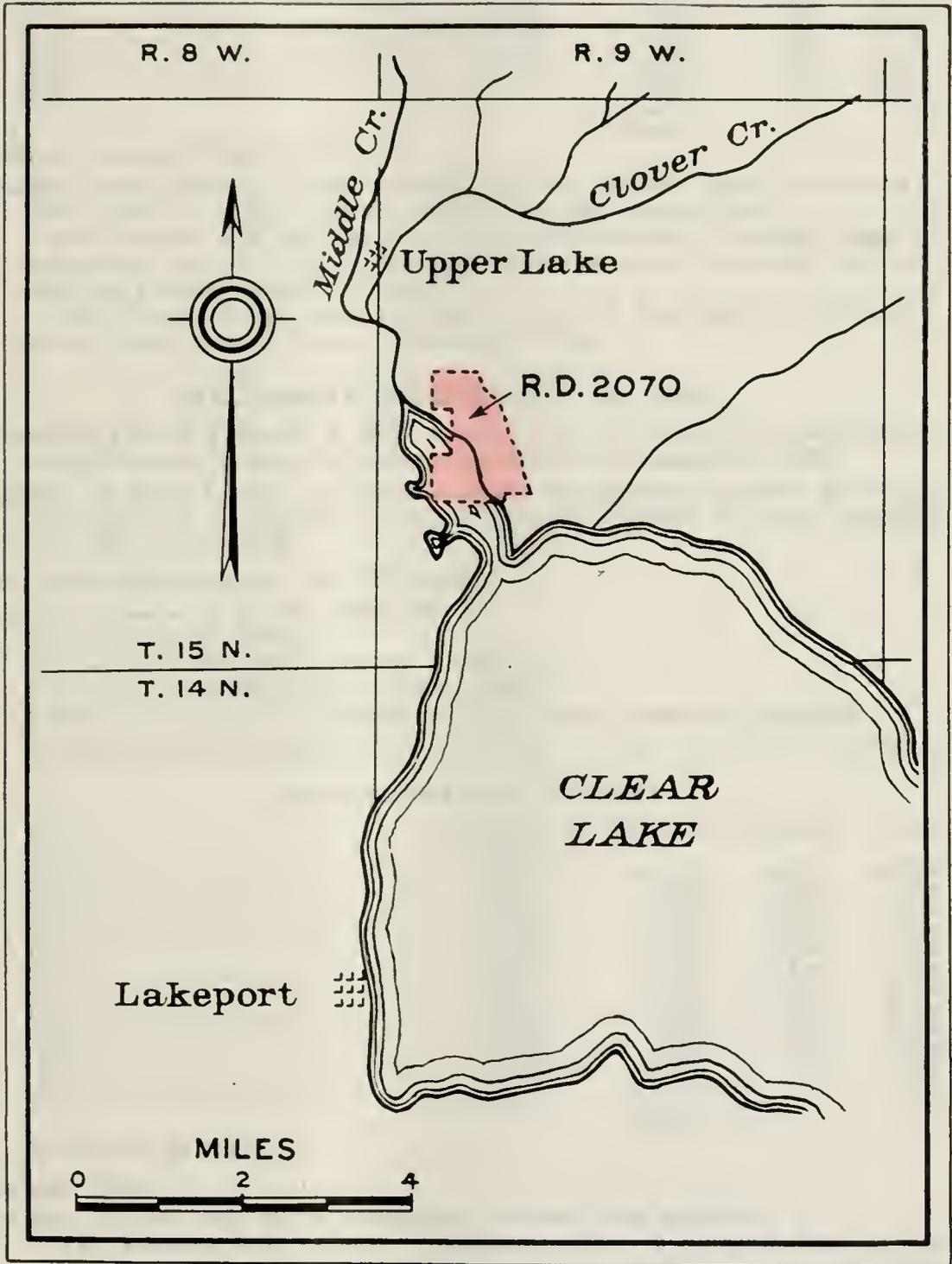
Denomination \$1,000.

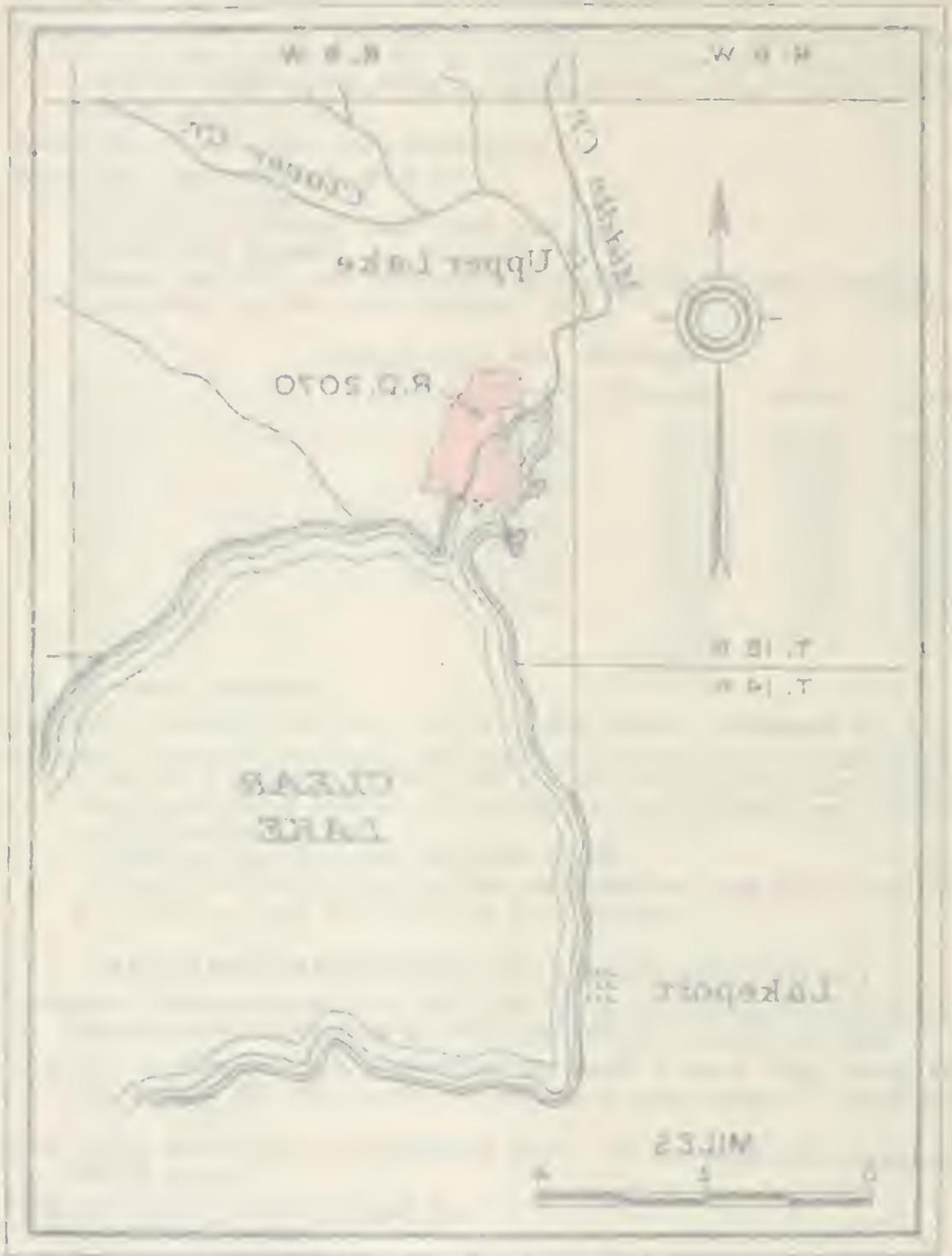
Interest Jan.-July 1, by Treasurer of Kings County, Hanford, California.

Outstanding, January 2, 1931----- \$27,000 00

Retired ----- 4,000 00

Authorized ----- \$31,000 00





Relief map of Clear Lake region in Lake County

MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930	\$29,000			
1931	27,000	\$2,000	\$1,620	\$3,620
1932	24,000	3,000	1,440	4,440
1933	21,000	3,000	1,260	4,260
1934	18,000	3,000	1,080	4,080
1935	15,000	3,000	900	3,900
1936	12,000	3,000	720	3,720
1937	9,000	3,000	540	3,540
1938	6,000	3,000	360	3,360
1939	3,000	3,000	180	3,180
1940		3,000		3,000
				\$29,000

Overlaps: Lemoore Irrigation District.

Remarks: Bond issue rests upon the assessment for \$31,000, dated November 17, 1925. There is a credit balance of \$147.73 in the district fund.

Area is diked to a sufficient height to prevent overflow. Drainage works as constructed are not entirely adequate. Irrigation water is received from the works of Laguna Irrigation District.

Soils consist of the loams and sandy loams of the Hanford and Merced series. Chief crops are grain, alfalfa and cotton.

RECLAMATION DISTRICT No. 2070

Formation: Formed February 9, 1925, under the general reclamation district laws, the petition and order being filed and numbered on February 16, 1925.

Location: In Lake County, on Robinson Lake, at north end of Clear Lake, and being portions of sections 17, 18, 19 and 20, township 15 north, range 9 west, M. D. B. and M.

Area: Gross, 846.02 acres. Net, 735 acres.

Financial: Bonds—R. D. No. 2070, 6%.

Dated March 22, 1927.

Due serially, 1936-1947, January 1 each year.

Denomination \$1,000, and one bond of \$500.

Interest Jan.-July 1, by Treasurer of Lake County, Lakeport, California.

Outstanding and authorized. January 2, 1931-----\$73,500

MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1935	\$73,500			
1936	70,000	\$3,500	\$4,200	\$7,700
1937	65,000	5,000	3,900	8,900
1938	58,500	6,500	3,510	10,010
1939	52,000	6,500	3,120	9,620
1940	45,500	6,500	2,730	9,230
1941	39,000	6,500	2,340	8,840
1942	32,500	6,500	1,950	8,450
1943	26,000	6,500	1,560	8,060
1944	19,500	6,500	1,170	7,670
1945	13,000	6,500	780	7,280
1946	6,500	6,500	390	6,890
1947		6,500		6,500
				\$73,500

Warrants—\$1,113.34.

Overlaps: None.

Remarks: Regular calls on the assessment have been paid promptly.

This area has been protected from the overflow of Robinson Lake by the construction of levees along the lake front and extending back to the high land on the east.

The soils are lake sediment and the lands are mainly planted to string beans.

RECLAMATION DISTRICT No. 2071 (NORTH CENTRAL)

Formation: Formed April 7, 1925, under the general reclamation district laws, the petition and order being filed and numbered on April 10, 1925.

**Location:** In Kings County, lying west of the Kings River Channel in the Tulare Lake Basin, and being a portion of township 21 south, range 20 east, M. D. B. and M.

**Area:** Gross, 5221.80 acres. Net, 4949.14 acres. (As per petition for formation: 5440 acres, more or less.)

**Financial:** *Bonds*—North Central R. D. No. 2071, 6%.

Dated April 1, 1927.

Due serially, 1931-1947, January 1 each year.

Denominations \$1,000, and one bond of \$753.07.

Interest Jan.-July 1, by Treasurer of Kings County, Hanford, California.

Outstanding, January 2, 1931-----	\$104,753 07
Retired -----	5,000 00
Authorized -----	\$109,753 07

#### MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1930-----	\$109,753			
1931-----	104,753	\$5,000	\$6,285	\$11,285
1932-----	99,753	5,000	5,985	10,985
1933-----	94,753	5,000	5,685	10,685
1934-----	89,753	5,000	5,385	10,385
1935-----	84,753	5,000	5,085	10,085
1936-----	79,753	5,000	4,785	9,785
1937-----	74,753	5,000	4,485	9,485
1938-----	69,753	8,000	4,005	12,005
1939-----	58,753	8,000	3,525	11,525
1940-----	50,753	8,000	3,045	11,045
1941-----	42,753	8,000	2,565	10,565
1942-----	34,753	8,000	2,085	10,085
1943-----	26,753	8,000	1,605	9,605
1944-----	18,753	8,000	1,125	9,125
1945-----	10,753	8,000	645	8,645
1946-----	2,753	8,000	165	8,165
1947-----		2,753		2,753
				\$109,753

*Warrants*—None.

**Overlaps:** Tulare Lake Basin Water Storage District.

**Remarks:** There is a credit balance of \$1,966.50 in the district fund.

District is protected from overflow by a system of massive levees some 20 feet in height above the normal land surface with an 18-foot roadway along the crest. Open canals of ample depth and width provide for the collection of excess drainage waters. Irrigation may be accomplished by gravity flow from Kings River and lake storage when available. An additional supply is derived from deep wells equipped with electrically driven pumps.

The soils of the district are recent alluvium lake-laid deposits, strong, fertile and free from alkali. The chief crops are grain and cotton.

#### RECLAMATION DISTRICT No. 2072 (WOODWARD ISLAND)

**Formation:** Formed July 26, 1926, under the general reclamation district laws, the petition and order being filed and numbered on July 30, 1926. Includes part of 53.

**Location:** In San Joaquin County, lying between Old and Middle rivers, and being portion of township 1 north, range 4 east, M. D. B. and M.

**Area:** Gross, 2245 acres. Net, 2133 acres.

**Financial:** *Bonds*—None.

*Warrants*—\$2,969.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** Operates upon a cash basis.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power

driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 2073

**Formation:** Formed November 8, 1926, under the general reclamation district laws, the petition and order being filed and numbered on Decembr 28, 1926.

**Location:** In Tehama County, on the west bank of the Sacramento River, lying between Tehama and Gerber, and being a portion of the Saucos Rancho lying south of Elder Creek in township 25 north, ranges 2 and 3 west, M. D. B. and M.

**Area:** Gross, 2012 acres. Net, 1912 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Impinges upon El Camino Irrigation District.

**Remarks:** Assessment has been spread in amount \$82,746.16 which it is proposed to reduce to bonds.

Portion of proposed works has been constructed, drainage being the main problem.

Soils of the Redding and Tehama series predominate in this area, with a fringe of the Elder series along Elder Creek. Plantings are largely of deciduous fruits, with some areas of alfalfa and field crops.

#### RECLAMATION DISTRICT No. 2074

**Formation:** Formed February 28, 1927, under the general reclamation district laws, the petition and order being filed and numbered on March 3, 1927.

**Location:** In San Joaquin County, lying three miles northwest of Stockton, at the junction of Calaveras and San Joaquin rivers, and east of Tenmile Slough and being portions of township 1 north, ranges 5 and 6 east, and portions of township 2 north, ranges 5 and 6 east, M. D. B. and M. Formerly known as the Sargent Barnhart tract.

**Area:** Gross, 1798.37 acres. Net, 1270.90 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** The district fund has a credit balance of \$456.

The reclamation works are typical of the Sacramento and San Joaquin delta regions, consisting of levees of ample cross section constructed to a height well above the estimated high water plane and drained internally by a system of main canals and collection laterals leading to sumps equipped with power driven pumps which expel the excess waters from the district. Irrigation water is furnished through a system of siphons installed over the levees.

The soils consist mainly of a mixture of fine sediment and peat. Some indication of ordinary salts is found but such salts are not extensive and are readily leached by surface irrigation accompanied by proper drainage.

Over a series of seasons potatoes, onions, beans, barley, corn, asparagus and celery are successfully grown.

#### RECLAMATION DISTRICT No. 2075 (McMULLIN)

**Formation:** Formed March 21, 1927, under the general reclamation district laws, the petition and order being filed and numbered on March 23, 1927.

**Location:** In San Joaquin County, lying four miles south of Manteca on the east bank of the San Joaquin River, and being portions of township 2 south, 15—86457

ranges 6 and 7 east, and portion of township 3 south, range 7 east, M. D. B. and M.

**Area:** Gross, 5930.53 acres. Net, 5182.33 acres.

**Financial:** *Bonds*—McMullin R. D. No. 2075, 6%.

Dated December 15, 1928.

Due serially, 1934-1948, July 1 each year.

Denomination \$1,000.

Interest Jan.-July 1, by Treasurer of San Joaquin County.

Outstanding and authorized, January 2, 1931-----\$318,000

#### MATURITIES AND INTEREST

Year	Outstanding	Maturities	Interest	Total
1933-----	\$318,000			
1934-----	312,000	\$6,000	\$18,900	\$24,900
1935-----	306,000	6,000	18,540	24,540
1936-----	299,000	7,000	18,150	25,150
1937-----	292,000	7,000	17,730	24,730
1938-----	285,000	7,000	17,310	24,310
1939-----	255,000	30,000	16,200	46,200
1940-----	225,000	30,000	14,400	44,400
1941-----	195,000	30,000	12,600	42,600
1942-----	165,000	30,000	10,800	40,800
1943-----	135,000	30,000	9,000	39,000
1944-----	105,000	30,000	7,200	37,200
1945-----	75,000	30,000	5,400	35,400
1946-----	45,000	30,000	3,600	33,600
1947-----	15,000	30,000	1,800	31,800
1948-----		15,000	450	15,450
		\$318,000		

*Warrants*—\$4,981 (July, 1931).

**Overlaps:** Sacramento and San Joaquin Drainage District.

**Remarks:** An assessment of \$425,000 was levied and \$107,000 thereof was paid off, the balance of \$318,000 being reduced to bonds.

District is completely protected from overflow by massive levees. Internal drainage facilities have been provided and excess waters may be expelled either by pumping or gravity at low water stage. Irrigation is amply provided for by two main pumping plants, one located on the Stanislaus River and one on the San Joaquin.

The area is about evenly divided between two main soil types: the alluvial soils of the bottom lands are classed as Hanford loam and those of the uplands as Fresno loam. The chief crops are alfalfa, beans, corn and truck.

#### RECLAMATION DISTRICT No. 2076

**Formation:** Formed March 5, 1928, under the general reclamation district laws, the petition and order being filed and numbered on April 11, 1928.

**Location:** In Yolo County and including the area in the Yolo By-Pass in townships 6 and 7 north, range 3 east, M. D. B. and M.

**Area:** Gross, 22,023.57 acres. Net, 20,922.40 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Remarks:** No assessment. Organized in connection with litigation concerning flowage rights in Yolo By-Pass. A levee will be built to test right of Reclamation Board to prevent reclamation without compensation for flowage rights.

#### RECLAMATION DISTRICT No. 2077

**Formation:** Formed June 12, 1929, under the general reclamation district laws, the petition and order being filed and numbered on June 12, 1929.

**Location:** In Sacramento County, lying north of the American River and being a portion of the Rancho del Paso in township 9 north, range 6 east, and township 8 north, ranges 5 and 6 east, M. D. B. and M.

**Area:** Gross, 1540.95 acres. Net, 1464 acres.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Overlaps:** American River Flood Control District.

**Remarks:** No assessment filed.

Prior to organization a small levee had been constructed along the bank of the American River locally known as the "Haggin Bottom Levee." Later this dike was substantially increased as to height and cross-section. Several breaks occurred in this levee, however, during the 1928 high water period. Soils are classified as Hanford fine sandy loam.

Area is mainly in hops, garden truck and orchards.



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PART THREE  
OTHER AGRICULTURAL IMPROVEMENT DISTRICTS  
IN CALIFORNIA

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## OTHER AGRICULTURAL IMPROVEMENT DISTRICTS IN CALIFORNIA

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### General.

There have been formed in California agricultural districts of various types for which there is statutory authority. As this investigation has been primarily directed to the financial affairs of irrigation and reclamation districts, and the liens of the other districts are relatively small, there have been included herein summaries of only such of these other districts as overlap or impinge upon those of the two major classifications.

Following is a list of the types of district which actually overlap or impinge upon the irrigation and reclamation districts of the State:

- (1) Drainage districts.
- (2) Levee districts.
- (3) Protection districts.
- (4) Water storage districts.
- (5) Water districts.

The liens imposed by these districts upon lands also included within the boundaries of other districts are on a parity and the following individual district summaries have been prepared to set forth the extent of these overlapping liens.

### DRAINAGE DISTRICTS

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#### SACRAMENTO AND SAN JOAQUIN DRAINAGE DISTRICT

**Formation:** By special act of the State Legislature in 1911 (Statutes 1911, extra session).

**Location:** Comprises practically all of the swamp and overflowed lands of both the Sacramento and San Joaquin valleys from Chico Creek on the north to Fresno Slough on the south, a total length of approximately 230 miles and varying in width from 27 miles to 8 miles.

**Area:** 1,515,300 acres.

**Flood Control Plan:** The management and control of this district was vested in the Reclamation Board with supervisory powers regarding plans of reclamation and drainage and the purposes and objects of this act were to carry into effect the plans of the California Debris Commission.

The plan contemplated the retention within the river channel of all the waters that the channels could safely carry, this to be accomplished by the maintenance on or near the river banks of strong levees, the excess water to be discharged at convenient points over four weirs into by-passes, within which the water is conveyed through the basins to a junction with the river 15 miles above its mouth, from this point the river to be widened and deepened sufficiently to carry the flood. The by-passes are strips of land within the low basins, the water being confined in its flow over them by levees on either side, and the weirs fixing automatically the flood plane of each section of the river, beyond which the water can not rise in the channel proper.

The four weirs noted above are located as follows: Moulton Weir in Colusa County, Tisdale Weir in Sutter County and the Fremont and Sacramento Weirs in Yolo County.

This system also comprises some 90 miles of by-pass, varying in width from 1000 to 14,000 feet, and the widening of the river channel at its mouth to approximately 3000 feet.

In carrying out the project, the work has been segregated into improvement units and the costs of each unit have been allocated only to the lands within that unit. The entire district is, therefore, segregated into so-called "assessment districts," of which thus far nine have been established. These assessment districts some times overlap so that in some instances the same land may carry two or even more of the nine assessments.

**Financial:** The following assessments for carrying out portions of the plans have been levied by the Reclamation Board:

*Assessment No. 1*—\$250,000. For general administrative expenses and to repay the \$50,000 to the State as provided in the act of 1913.

*Assessment No. 2*—\$1,500,000. For securing rights of way including spoil areas, for the enlargement of the mouth of the Sacramento River. (Dredging performed by Federal Government.)

*Assessment No. 3*—\$1,095,000. For the construction of the Sacramento By-Pass levees and the acquisition of rights of way and flowage areas. (Weir constructed by Federal and State governments.)

*Assessment No. 4*—\$219,000. For the purchase and clearing of the Fremont Weir site at the head of the Yolo By-Pass. (Weir constructed by Federal and State governments.)

*Assessment No. 5*—\$58,163.70. For the construction of concrete bank protection at Portuguese Bend near Freeport.

*Assessment No. 6*—\$8,144,327.33. For the construction of the entire Sutter-Butte By-Pass System including levees, pumping plants, canals, bridges and other structures, also rights of way and flowage areas.

*Assessment No. 7*—\$550,000. For the construction of the West Levee of the Feather River from Sutter By-Pass to Levee District No. 1.

*Assessment No. 8*—\$143,810. For raising to grade the East Levee of Sacramento River from Reclamation District No. 744 to Reclamation District No. 551.

*Assessment No. 9*—\$5,155,000. For the construction of Yolo By-Pass from Fremont Weir to the Southern Pacific Railroad.

*Present Financial Status.* The present financial status of the various assessments is briefly outlined below:

*Assessment No. 1.* This assessment was levied upon the whole Sacramento and San Joaquin Drainage District, containing approximately 1,515,300 acres, in the amount of \$250,000, or at the rate of about 16 cents per acre. Assessment No. 1 is practically all paid, there being delinquent only about \$10,000. Out of this total delinquency there are only two relatively large unpaid assessments of about \$3,000 each in Butte County. The balance of the delinquent assessments is upon small parcels and town lots and too small in amount to warrant advertising. Many of these small assessments are paid when search of title is made before transfer of property.

*Assessment No. 2.* Assessment No. 2, amounting to \$1,500,000, was spread over about 125,000 acres in Sacramento, Yolo, Solano and San Joaquin counties. It is not yet a lien, not having been called by the Reclamation Board. A financial statement of outstanding obligations as of April 13, 1931, follows:

Warrants outstanding prior to purchase—

Principal	-----	\$990,250 90	
Interest	-----	573,773 53	
			\$1,564,024 43
Retired by purchase			
Principal	-----	\$361,429 65	
Interest	-----	202,623 91	
			564,053 56
Remaining debt, not counting further interest	-----		\$999,970 87





*Assessment No. 3.* Assessment No. 3, in the amount of \$1,095,000, was spread over 284,000 acres in Sutter, Sacramento, Yolo, San Joaquin and Solano counties. This assessment is practically all paid in and all obligations have been taken care of. The uncollected portion of this assessment amounts to only \$1,400, half of which is upon lands in Sacramento and Yolo counties, respectively.

*Assessment No. 4.* This assessment was levied over 200,000 acres in Sutter, Yuba and Sacramento counties, in the amount of \$219,000. It is all paid in and obligations have been taken care of.

*Assessment No. 5.* Assessment No. 5, in the sum of \$58,163.70, was spread over 126,148 acres in Sacramento and San Joaquin counties. This assessment is all paid in and obligations have been taken care of.

*Assessment No. 6.* Assessment No. 6 amounted to \$8,144,327.33 and was spread over 477,910 acres in the counties of Glenn, Butte, Colusa, Sutter, Yuba, Yolo and Sacramento. The uncollected portion of this assessment amounts to \$8,028,138, assessed to lands in the various counties, as follows:

County	Acres	Assessment No. 6	
		Total	Per acre
Glenn -----	21,400	\$43,534	\$2.02
Butte -----	15,510	6,199	.39
Colusa -----	159,370	1,634,486	10.20
Yuba -----	14,500	28,196	1.94
Sacramento -----	36,060	23,757	.66
Yolo -----	53,440	773,543	14.50
Sutter -----	177,630	5,518,423	31.06
Totals -----	477,910	\$8,028,138	

Four calls have been made upon Assessment No. 6. Each parcel assessed must be credited with its proportional allowance to date of call of installment of \$3,000,000 appropriated by State of California for flood control. Interest on each call must be figured from the date thereof, and if any call is delinquent, 10% penalty and 7% interest from date of call must be added. The net assessment must be credited with the calls paid and interest figured on the original assessment before the total amount due upon individual holdings can be determined. A number of these assessments have been paid in full and if so paid previous to the State appropriation for flood control, cash refunds are made upon presentation of a certified claim.

A financial statement of outstanding obligations as of April 15, 1931, follows:

Warrants outstanding prior to purchase—		
Principal -----	\$7,679,262 52	
Interest -----	4,025,959 23	\$11,705,221 75
Retired by purchase—		
Principal -----	\$3,750,352 45	
Interest -----	2,119,083 87	5,869,436 32
Remaining debt, aside from reductions other than by purchase, and from further interest-----		\$5,835,785 43
Allotted for purchase of warrants-----	\$4,477,599 00	
Cost of retiring \$5,869,436.32-----	2,981,539 25	
Available remainder for further purchase-----		\$1,496,059 75

*Assessment No. 7.* Assessment No. 7, in amount \$550,000, was spread on 70,000 acres in Sutter County and has been bonded. Portion of this area overlaps Assessment No. 6. A financial statement of outstanding obligations as of April 15, 1931, follows:

Bonds outstanding prior to purchases-----	\$497,183 57	
Retired by purchases at par-----	174,183 57	
Remaining debt, exclusive of interest-----		\$323,000 00
Allotted for aid of Assessment No. 7-----		\$190,512 00
Paid for bonds -----	\$174,183 57	
Paid for interest on bonds-----	2,605 54	
Cash refunds paid-----	1,110 35	177,899 46
Available remainder for further use-----		\$12,612 54

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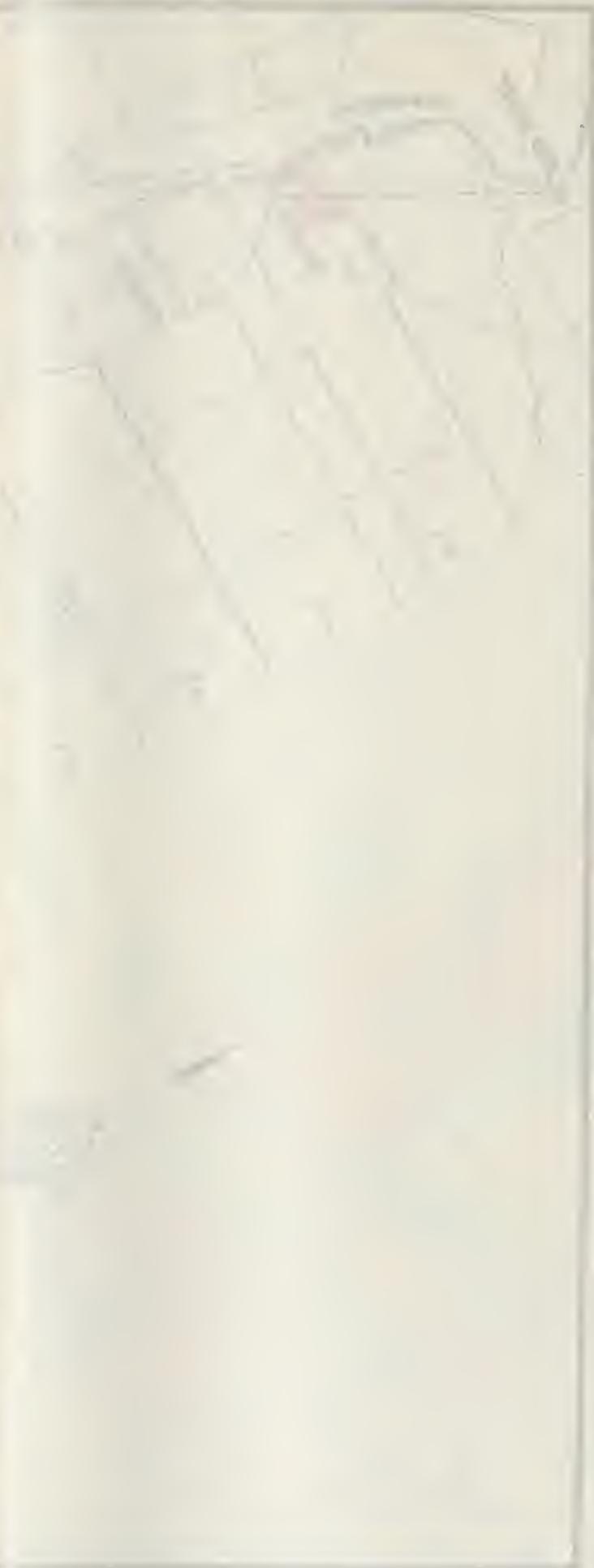
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*Assessment No. 3.* Assessment No. 3, in the amount of \$1,095,000, was spread over 284,000 acres in Sutter, Sacramento, Yolo, San Joaquin and Solano counties. This assessment is practically all paid in and all obligations have been taken care of. The uncollected portion of this assessment amounts to only \$1,400, half of which is upon lands in Sacramento and Yolo counties, respectively.

*Assessment No. 4.* This assessment was levied over 200,000 acres in Sutter, Yuba and Sacramento counties, in the amount of \$219,000. It is all paid in and obligations have been taken care of.

*Assessment No. 5.* Assessment No. 5, in the sum of \$58,163.70, was spread over 126,148 acres in Sacramento and San Joaquin counties. This assessment is all paid in and obligations have been taken care of.

*Assessment No. 6.* Assessment No. 6 amounted to \$8,144,327.33 and was spread over 477,910 acres in the counties of Glenn, Butte, Colusa, Sutter, Yuba, Yolo and Sacramento. The uncollected portion of this assessment amounts to \$8,028,138, assessed to lands in the various counties, as follows:

County	Acres	Assessment No. 6	
		Total	Per acre
Glenn	21,400	\$43,534	\$2.02
Butte	15,510	6,199	.39
Colusa	159,370	1,634,486	10.20
Yuba	14,500	28,196	1.94
Sacramento	36,060	23,757	.66
Yolo	53,440	773,543	14.50
Sutter	177,630	5,518,423	31.06
Totals	477,910	\$8,028,138	

Four calls have been made upon Assessment No. 6. Each parcel assessed must be credited with its proportional allowance to date of call of installment of \$3,000.-000 appropriated by State of California for flood control. Interest on each call must be figured from the date thereof, and if any call is delinquent, 10% penalty and 7% interest from date of call must be added. The net assessment must be credited with the calls paid and interest figured on the original assessment before the total amount due upon individual holdings can be determined. A number of these assessments have been paid in full and if so paid previous to the State appropriation for flood control, cash refunds are made upon presentation of a certified claim.

A financial statement of outstanding obligations as of April 15, 1931, follows:

Warrants outstanding prior to purchase—

Principal	\$7,679,262 52	
Interest	4,025,959 23	
		\$11,705,221 75

Retired by purchase—

Principal	\$3,750,352 45	
Interest	2,119,083 87	
		5,869,436 32

Remaining debt, aside from reductions other than by purchase, and from further interest

\$5,835,785 43

Allotted for purchase of warrants \$4,477,599 00

Cost of retiring \$5,869,436.32 2,981,539 25

Available remainder for further purchase \$1,496,059 75

*Assessment No. 7.* Assessment No. 7, in amount \$550,000, was spread on 70,000 acres in Sutter County and has been bonded. Portion of this area overlaps Assessment No. 6. A financial statement of outstanding obligations as of April 15, 1931, follows:

Bonds outstanding prior to purchases \$497,183 57

Retired by purchases at par 174,183 57

Remaining debt, exclusive of interest \$323,000 00

Allotted for aid of Assessment No. 7 \$190,512 00

Paid for bonds \$174,183 57

Paid for interest on bonds 2,605 54

Cash refunds paid 1,110 35

177,899 46

Available remainder for further use \$12,612 54

*Assessment No. 8.* Assessment No. 8, in the amount of \$143,810, was spread over 126,000 acres in Sacramento and San Joaquin counties (the same area is also covered by Assessment No. 2). One call has been made and paid, leaving about 15 per cent of the principal now outstanding. Outstanding warrants, including interest, total about \$14,000.

*Assessment No. 9.* Assessment No. 9 has been adopted by the Reclamation Board, but no assessments have been levied, no work ordered, and no warrants outstanding.

*Summary of Assessments.* The above detail statements concerning the present financial status of the entire Sacramento Flood Control project are summarized in the following table of assessments of the Sacramento and San Joaquin Drainage District.

Summary of Assessments as of April 15, 1931

Number	Date of levy	Acres	Assessment		Bonds or warrants outstanding
			Total	Uncollected	
1	1915	1,515,300	\$250,000	\$10,000	
2	Not called	425,000	1,500,000		\$999,970
3	1918	284,600	1,095,000	1,400	None
4	1919	200,000	219,000	None	None
5	1917	126,148	58,190	None	None
6	1922	477,910	8,144,327	8,028,138	5,835,785
7	Bonded	70,000	550,000		323,000
8	1921	126,000	(Bonds) 143,810	21,000	14,000
9	Boundaries	not set		Approximate	(Approximate)

<sup>1</sup> Including interest.

**Overlaps:** An inspection of the preceding table will show that the lien of the assessments, other than Nos. 2, 6 and 7, has been removed by payment in full, or that the uncollected assessments are nominal in amount and may be disregarded; likewise, the uncalled proportion of Assessment No. 8 represents a small per acre debt.

The following districts lie wholly or partially within the boundaries of Assessments Nos. 2, 6 and 7:

*Assessment No. 2.* Reclamation Districts: Nos. 3, 17, 136, 150, 274, 307, 317, 341, 348, 349, 364, 369, 403, 404, 407, 501, 524, 532, 535, 536, 544, 548, 551, 554, 556, 563, 673, 684, 744, 745, 746, 755, 756, 765, 773, 799, 800, 802, 807, 813, 824, 828, 830, 900, 999, 1002, 1007, 1601, 1608, 1609, 1614, 1619, 1667, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2033, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2044, 2059, 2060, 2065, 2067, 2068, 2072, 2074 and 2076.

Protection Districts: Union Island Nos. 1 and 2, and portion of Collinsville.

Irrigation Districts: Portions of Naglee Burk, Byron-Bethany, East Contra Costa and Tracy-Clover.

*Assessment No. 6.* Reclamation Districts: Nos. 70, 108, 479, 537, 730, 752, 784, 785, 787, 803, 819, 823, 827, 832, 833, 1000, 1001, 1004, 1500, 1600, 1660, 2047 and 2066.

Irrigation Districts: Portions of Williams, Provident, Princeton-Codora-Glenn, Compton-Delevan and Maxwell.

Levee Districts: Portions of Sutter No. 1, Glenn Nos. 2 and 3 and Sacramento River West Side.

Drainage Districts: Portions of Butte Creek and Knights Landing Ridge.

*Assessment No. 7.* Reclamation Districts: Nos. 803, 823 and 1001.

Levee Districts: Portions of Sutter Nos. 1 and 9.

**Remarks:** Because of the many thousands of parcels assessed in the several assessment districts, a segregation to each statutory district within the boundaries of the Sacramento and San Joaquin Drainage District of its proportion of the outstanding obligation thereof would be of no permanent value as the financial situation is constantly changing, due to payment of assessments and the purchase and cancellation of warrants.

As shown in the financial statements of outstanding obligations, the Reclamation Board has retired by purchase at discount considerable amounts of warrants (interest included) of Assessments Nos. 2 and 6 and the available remaining funds for further purchases will reduce the debt accordingly. About 35 per cent of the bonds of Assessment No. 7 were retired by purchase at par and there is but a small available remainder for future use.

In explanation of the necessity for redemption of indebtedness at a discount, the following may be advanced. This district was organized pursuant to the terms of the "Jackson Report," which had included, among other recommendations, financial participation by the Federal and State governments of one-third each of the project costs. The war time demand for increased agricultural production caused the project to be launched and crowded toward completion before the Federal and State governments had each assumed its full one-third of the estimated cost. This resulted in the greater part of the burden resting upon the land, as evidenced by warrants issued by the Reclamation Board against the various assessment projects. The "Grant Report" of 1925 recommended the correction of this obviously unfair situation and was subsequently adopted by the Federal and State governments. State legislation has been passed looking to the retirement of all warrants issued against the lands based upon flood control.

### BUTTE COUNTY DRAINAGE DISTRICT No. 200

**Formation:** December 5, 1920 (Statutes of 1907).

**Location:** In Butte County, township 19 north, ranges 2 and 3 east, M. D. B. and M.

**Area:** Gross, 5405 acres. Net, 5126 acres.

**Overlaps:** Richvale Irrigation District, Sacramento and San Joaquin Drainage District.

**Financial: Bonds**—Two bond issues, both bearing interest at 6%, have been voted by the district, as follows:

First issue—\$120,000.

Dated March 1, 1922.

Due serially, 1934–1943.

Second issue—\$25,000.

Dated April 14, 1924.

Due serially, 1936–1945.

Outstanding bonded debt, January 2, 1931	-----	\$139,750 00
Unsold	-----	5,250 00

Authorized	-----	\$145,000 00
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**Warrants**—\$928.18 (December, 1930).

**Remarks:** Interest and principal payments are collected with county taxes and rate is based upon county assessed valuation. Maintenance charges are levied and collected with county taxes. No lien is represented by the area within the Sacramento and San Joaquin Drainage District, but lands will be subject to the proportionate debt of Richvale Irrigation District, if and when the bonds are sold.

### BUTTE CREEK DRAINAGE DISTRICT

**Formation:** November, 1920.

**Location:** In Butte and Glenn counties, townships 18, 19 and 20 north, ranges 1 west and 1 and 2 east, M. D. B. and M.

**Area:** Gross, 34,513 acres. Net, 32,787 acres.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 6).

**Financial: Bonds**—None.

**Warrants**—None.

**Remarks:** The original construction program was based upon a direct assessment levy of \$65,828. Maintenance charges are collected upon county tax rolls on

county valuations. Of the approximate 18,000 acres within the Sacramento and San Joaquin Drainage District, about 900 acres lie within the Assessment No. 6 area. This portion lies in Glenn County and the lien is nominal.

#### BUTTE COUNTY DRAINAGE DISTRICT No. 1

**Formation:** 1912 (Statutes of 1907).

**Location:** In Butte County, township 17 north, ranges 2 and 3 east, M. D. B. and M.

**Area:** 5400 acres.

**Overlaps:** Sacramento and San Joaquin Drainage District.

**Financial:** *Bonds*—None.

*Warrants*—None.

**Remarks:** Assessments are collected on county tax rolls on county valuations. No district liens exist upon the overlapping area.

#### BUTTE COUNTY DRAINAGE DISTRICT No. 100

**Formation:** December 6, 1915 (Statutes of 1907).

**Location:** In Butte County, townships 18 and 19 north, ranges 1 and 2 east, M. D. B. and M.

**Area:** Gross, 18,495 acres. Net, 17,571 acres.

**Overlaps:** Richvale Irrigation District and Sacramento and San Joaquin Drainage District.

**Financial:** *Bonds*—Three bond issues have been voted by the district, as follows:

First issue—\$150,000.

Dated July 1, 1916.

Due serially, 1930–1937.

Second issue—\$50,000.

Dated August 22, 1919.

Due serially, 1931–1940.

Third issue—\$30,000.

Dated May 27, 1922.

Due serially, 1934–1943.

Outstanding bonded debt, January 2, 1931	-----	\$203,000 00
Retired	-----	27,000 00

Authorized	-----	\$230,000 00
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*Warrants*—None.

**Remarks:** Interest and principal payments are collected with county taxes and rate is based upon county assessed valuations. Maintenance charges are levied and collected with county taxes. No lien is represented by the area within the Sacramento and San Joaquin Drainage District, but lands will be subject to the proportionate debt of Richvale Irrigation District, if and when bonds are sold.

#### KNIGHTS LANDING RIDGE DRAINAGE DISTRICT

**Formation:** April 30, 1930 (under a special act of the Legislature).

**Location:** In Colusa and Glenn counties, townships 10, 11, 12, 13 and 14 north, range 1 west and ranges 1 and 2 east, M. D. B. and M.

**Area:** 94,500 acres.

**Project:** Knights Landing Ridge is a broad elevated strip of land built up by the overflow from Cache Creek and separating Colusa Basin from Yolo Basin. The works consist mainly of a 26,000 second-foot capacity drainage channel cut through Knights Landing Ridge, which provides the means for the discharge of Colusa Basin drainage into Yolo Basin.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 6), all of Reclamation Districts Nos. 108, 730, 787, 819, and a portion of Sacramento River West Side Levee District.

**Financial:** *Bonds*—None.

*Warrants* outstanding April 4, 1931, \$59,185 (exclusive of interest).

**Remarks:** With the exception of some 12,500 acres comprising the rimland area, all of the lands within the district are subject to overlapping liens. 82,000 acres lie within Assessment No. 6 area; 58,800 acres within Sacramento River West Side Levee District.

### COSUMNES DRAINAGE DISTRICT

**Formation:** 1910 (Statutes 1907).

**Location:** In Sacramento County, townships 4 and 5 north, range 5 east, M. D. B. and M.

**Area:** 1900 acres.

**Overlaps:** Reclamation District No. 1609 and Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Financial:** No district indebtedness.

**Remarks:** Reclamation District No. 1609 has assumed functions of district. Lands subject to the overlapping liens of Assessment No. 2 of the Sacramento and San Joaquin Drainage District.

### MERCED COUNTY No. 1 DRAINAGE DISTRICT (ATWATER)

**Formation:** 1918.

**Location:** Merced County, township 7 south, range 12 east, M. D. B. and M.

**Area:** 2900 acres.

**Overlaps:** Merced Irrigation District.

**Financial:** *Bonds*—

Outstanding, 1931 ----- \$18,000 00  
Maturities, \$3,100, 1931, and decreasing amounts to \$2,300, 1937.

**Remarks:** In 1922 Merced Irrigation District assumed the bond obligation and has made all payments due to date. Lands are subject to the lien of Merced Irrigation District.

### MERCED COUNTY No. 2 DRAINAGE DISTRICT (ATWATER)

**Formation:** 1919.

**Location:** Merced County, township 7 south, range 12 east, M. D. B. and M.

**Area:** 5800 acres.

**Overlaps:** Merced Irrigation District.

**Financial:** *Bonds*—

Outstanding, 1931 ----- \$64,350 00  
Maturities, \$10,000, 1931, and decreasing amounts to \$3,800, 1937.

**Remarks:** In 1922 Merced Irrigation District assumed the bond obligation and has made all interest and principal payments to date. Lands are subject to the lien of Merced Irrigation District.

### FRUITLAND DRAINAGE DISTRICT

**Formation:** 1918.

**Location:** Merced County.

**Area:** 840 acres.

**Overlaps:** Merced Irrigation District.

**Financial: Bonds—**

Outstanding, 1931 ----- \$7,500 00  
 Entire issue to be retired in 1939.

**Remarks:** In 1923 Merced Irrigation District assumed the bond obligation and has made all interest and principal payments to date. Lands are subject to the lien of Merced Irrigation District.

**DOS PALOS DRAINAGE DISTRICT**

**Formation:** September 5, 1928.

**Location:** Merced and Fresno counties, townships 10 and 11 south, range 12 east, M. D. B. and M.

**Area:** 9600 acres.

**Overlaps:** Sacramento and San Joaquin Drainage District and Reclamation District No. 2053.

**Financial: Bonds—**One issue in the amount of \$97,500 has been voted by the district. These bonds are dated November 13, 1928, and bear interest at the rate of 6%, payable January 1 and July 1 of each year; due serially, 1940-1949, inclusive, January 1, each year.

**Remarks:** Interest and principal payments are collected with county taxes and rate is based upon county valuations. Maintenance charges are levied and collected on county tax rolls. No district liens now exist for the overlapping areas.

**ALLUVIAL DRAINAGE DISTRICT**

**Formation:** May 4, 1909.

**Location:** Fresno County, township 12 south, range 21 east, M. D. B. and M.

**Area:** 1215 acres.

**Overlaps:** Fresno Irrigation District.

**Financial:** No bonds. No warrants.

**Remarks:** No assessments have been levied for five years. The works consist of a mile of 24" concrete pipe and open ditches. The area is planted mainly to vines and fruit.

**WARD DRAINAGE DISTRICT**

**Formation:** June 6, 1911.

**Location:** Fresno County, townships 15, 16 and 17 south, range 22 east, M. D. B. and M.

**Area:** 4828.75 acres.

**Overlaps:** Consolidated Irrigation District.

**Financial:** No bonds. No warrants.

**Remarks:** Between 1911 and 1920 \$54,000 was raised and spent on drainage works. The area is mainly in vineyards, with some orchard plantings.

**PALO VERDE DRAINAGE DISTRICT**

**Formation:** August, 1921.

**Location:** Riverside and Imperial counties, townships 5, 6, 7, 8 and 9 south, ranges 21, 22 and 23 east, S. B. B. and M.

**Area:** 88,300 acres.

**Overlaps:** Palo Verde Irrigation District.

**Financial: Bonds—**

Dated December 1, 1921.

Due serially, 1933-1942, January 1 each year, from \$42,500 in 1933, in increasing amounts to \$136,000, 1942.

Denomination \$1,000.

Interest 6%, Jan.-July 1, by Treasurer of Riverside County. .

Outstanding and authorized, January 2, 1931----- \$840,000 00

Remarks: Interest in default. (See Palo Verde Irrigation District.)

### LEVEE DISTRICTS

#### GLENN COUNTY LEVEE DISTRICT No. 1

Formation: 1901.

Location: Glenn County, townships 19 and 20 north, ranges 1 and 2 west, M. D. B. and M.

Area: 9100 acres.

Overlaps: Sacramento and San Joaquin Drainage District; Reclamation District No. 2047; Provident, Princeton-Codora-Glenn and Glenn-Colusa Irrigation Districts.

Financial: *Bonds*—None.

*Warrants*—None.

Remarks: Assessments are collected on the county tax rolls on county valuations. Entire district subject to lien of Reclamation District No. 2047. Approximately 2000 acres lie in Provident Irrigation District and some 2000 acres in Princeton-Codora-Glenn Irrigation District, these areas being subject to the respective liens.

#### GLENN COUNTY LEVEE DISTRICT No. 2

Formation: 1908.

Location: Glenn County, townships 18 and 19 north, ranges 1 and 2 west, M. D. B. and M.

Area: 5600 acres.

Overlaps: Sacramento and San Joaquin Drainage District (Assessment No. 6); Reclamation District No. 2047; Provident and Princeton-Codora-Glenn Irrigation Districts.

Financial: *Bonds*—None.

*Warrants*—None.

Remarks: Assessments are collected on the county tax rolls on county valuations. Entire district is subject to the lien of Reclamation District No. 2047; some 4000 acres are included in the Assessment No. 6 area, approximately 800 acres in Provident Irrigation District and some 4000 acres in Princeton-Codora-Glenn Irrigation District; such areas are subject to the respective liens of the overlapping districts.

#### GLENN COUNTY LEVEE DISTRICT No. 3

Formation: 1909.

Location: Glenn and Colusa counties, townships 16, 17, 18 and 19 north, range 1 west, M. D. B. and M.

Area: 12,653 acres.

Overlaps: Sacramento and San Joaquin Drainage District (Assessment No. 6) and Reclamation Districts Nos. 816 and 1005.

Financial: *Bonds*—None.

*Warrants*—None.

Remarks: Assessments are collected on county tax rolls on county valuations. Approximately 9700 acres are subject to the lien of Assessment No. 6 of the Sacramento and San Joaquin Drainage District.

## SACRAMENTO RIVER WEST SIDE LEVEE DISTRICT

**Formation:** May 18, 1915 (special act of the Legislature).

**Location:** Colusa and Yolo counties, townships 12, 13, 14 and 15 north, ranges 1 east and 1 and 2 west, M. D. B. and M.

**Area:** 107,000 acres.

**Project:** Anticipation of a rise of four or five feet in the flood plane of the Sacramento River, by reason of the reclamation of Sutter Basin, led to the organization of this district for the protection of the west side lands between Colusa and Knights Landing. A levee has been constructed along the west side of the Sacramento River from Colusa to Knights Landing to a height of some four feet in excess of the grade established by the Debris Commission. In addition Butte Slough was cleared of brush and trees to a width of 2000 feet to serve as a relief channel for congested flood waters at the upper end of the project.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 6), Reclamation Districts Nos. 108, 479 and 787, and portion of Knights Landing Ridge Drainage District.

**Financial:** *Bonds*—None.

*Warrants*—Outstanding April 4, 1931, \$211,421 (exclusive of interest).

**Remarks:** District lies entirely within the boundaries of Assessment No. 6 of the Sacramento and San Joaquin Drainage District and entire area is subject to the lien thereof. Approximately 30,000 acres lying north and east of Reclamation District No. 479 are subject only to this lien. Remainder of area is subject to the liens of the other overlapping districts noted above.

## SUTTER COUNTY LEVEE DISTRICT No. 1

**Formation:** November 8, 1873. Formed under the act of 1868 (only construction of levees authorized—no provision for internal drainage).

**Location:** Sutter County, townships 13, 14 and 15 north, ranges 2 and 3 east, M. D. B. and M.

**Area:** 44,400 acres.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessments No. 6 and No. 7).

**Financial:** *Bonds*—None.

*Warrants*—None.

**Remarks:** Assessments are collected on county tax rolls based on county valuations. The district lies entirely within the boundaries of the Sacramento and San Joaquin Drainage District and portions are subject to the liens thereof, as follows: approximately 36,000 acres in Assessment No. 7; approximately 26,000 acres in Assessments Nos. 6 and 7. The easterly portion of the district along the Feather River is almost entirely in orchards and vineyards and is part of the highly developed and productive peach district of Sutter County. The western area is largely planted to rice and grain.

## SUTTER COUNTY LEVEE DISTRICT No. 9

**Formation:** September 20, 1879 (Statutes of 1868).

**Location:** Sutter County, townships 15 and 16 north, ranges 2 and 3 east, M. D. B. and M.

**Area:** 17,500 acres.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 7).

**Financial:** *Bonds*—None.

*Warrants*—None.

**Remarks:** Assessments are collected on county tax rolls on county valuations. The district lies entirely within the boundaries of the Sacramento and San Joaquin Drainage District, the southerly 5000 acres lying within the Assessment No. 7 area and being subject to the lien thereof.

## PALO VERDE JOINT LEVEE DISTRICT

**Formation:** August, 1916.

**Location:** Riverside and Imperial counties, townships 5, 6, 7, 8 and 9 south, ranges 21, 22 and 23 east, S. B. B. and M.

**Area:** 84,800 acres (approximate).

**Overlaps:** Palo Verde Irrigation District.

**Financial:** *Bonds*—

First issue:

Dated May 1, 1918.

Due serially, 1919–1958, May 1 of each year: \$32,000, 1927–1957; \$37,952, 1958.

Denomination \$1,000.

Interest, 6½%, May and November each year, by Treasurer of Riverside County.

Outstanding, May 2, 1930	-----	\$933,952 00
Retired	-----	320,000 00

Authorized	-----	\$1,253,952 00
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Second issue:

Dated November 1, 1922.

Due serially, 1923–1962, November 1, \$9,000 each year, except \$12,000 in 1933, 1942 and 1952 and \$11,378 in 1962.

Interest 6½%, May and November each year, by Treasurer of Riverside County.

Outstanding, November 2, 1930	-----	\$308,378 00
Retired	-----	63,000 00

Authorized	-----	\$371,378 00
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**Remarks:** In default. (See Palo Verde Irrigation District.)

## PROTECTION DISTRICTS

## UNION ISLAND PROTECTION DISTRICT No. 1

**Formation:** February 23, 1903.

**Location:** San Joaquin County, township 1 south, ranges 4 and 5 east, M. D. B. and M. (Formerly portion of Reclamation District No. 62.)

**Area:** 11,377 acres.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Financial:** *Bonds*—None.

*Warrants*—None.

**Remarks:** Assessments are levied on call of the board of trustees, and are collected on county tax rolls based on county valuations. Lands subject to the lien of Assessment No. 2, Sacramento and San Joaquin Drainage District.

## UNION ISLAND PROTECTION DISTRICT No. 2

**Formation:** February 23, 1903.

**Location:** San Joaquin County, township 1 south, range 5 east, M. D. B. and M.

**Area:** 12,658 acres.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Financial:** *Bonds*—None.

*Warrants*—None.

**Remarks:** Assessments are levied on call of the Board of Trustees and are collected on county tax rolls based on county valuations. Lands subject to lien of Assessment No. 2 of Sacramento and San Joaquin Drainage District.

### COLLINSVILLE PROTECTION DISTRICT

**Formation:** 1924.

**Location:** Solano County, portions of sections 22, 23, 26 and 27, township 3 north, range 1 east, M. D. B. and M.

**Area:** 310 acres.

**Overlaps:** Sacramento and San Joaquin Drainage District (Assessment No. 2).

**Financial:** *Bonds*—None.

*Warrants*—None.

**Remarks:** District was primarily organized to afford the means of financing the construction of a river levee at Collinsville. A few acres in section 26 are included within the boundaries of Assessment No. 2 of Sacramento and San Joaquin Drainage District.

### PAJARO RIVER PROTECTION DISTRICT

**Formation:** In process of formation.

**Location:** In Santa Cruz County, township 11 south, range 2 east, M. D. B. and M., portion of Rancho Los Corralitos.

**Overlaps:** Reclamation District No. 2049.

**Financial:** No indebtedness.

**Remarks:** Apparently one of the three commissioners appointed has not as yet (May 8, 1931) qualified. Lands subject to the lien of Reclamation District No. 2049.

### WATER STORAGE DISTRICTS

#### TULARE LAKE BASIN WATER STORAGE DISTRICT

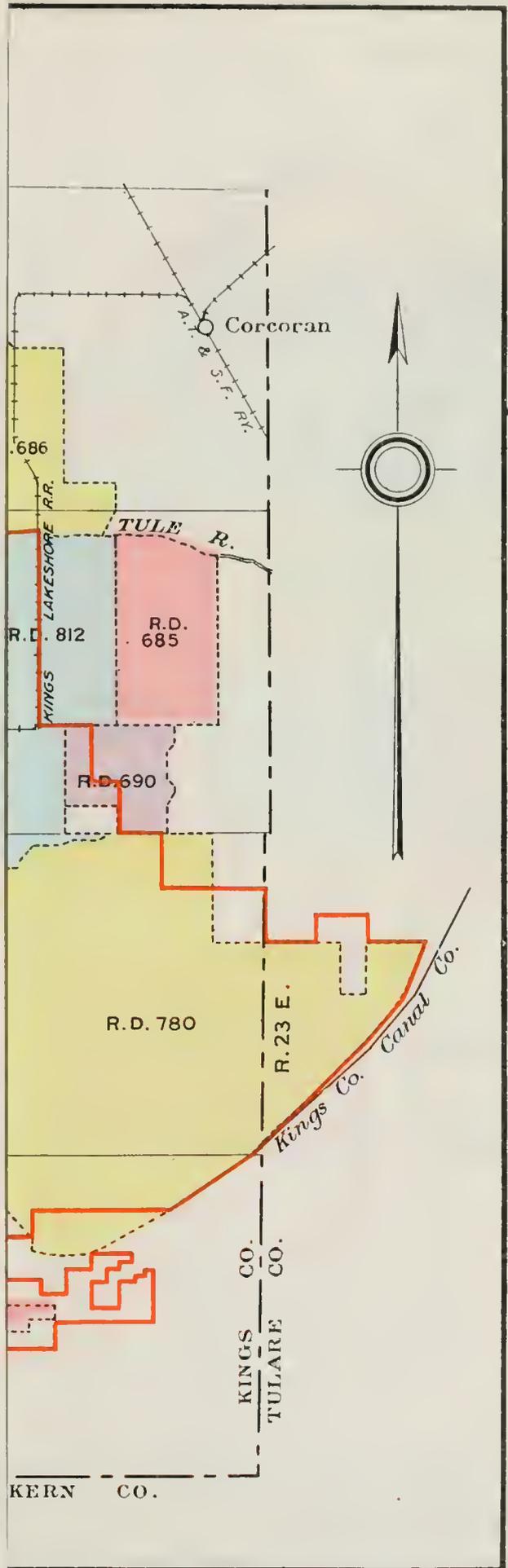
**Formation:** Organized under the California Water Storage District Act as approved June 3, 1921. Petition for formation presented to State Engineer October 7, 1925, and his approval was dated July 29, 1926. Organization election was carried September 10, 1926. The acceptance or rejection election was carried December 6, 1927.

**Location:** Kings and Tulare counties. The greater portion of the basin of Tulare Lake in townships 20, 21, 22, 23 and 24 south, ranges 19, 20, 21, 22 and 23 east, M. D. B. and M.

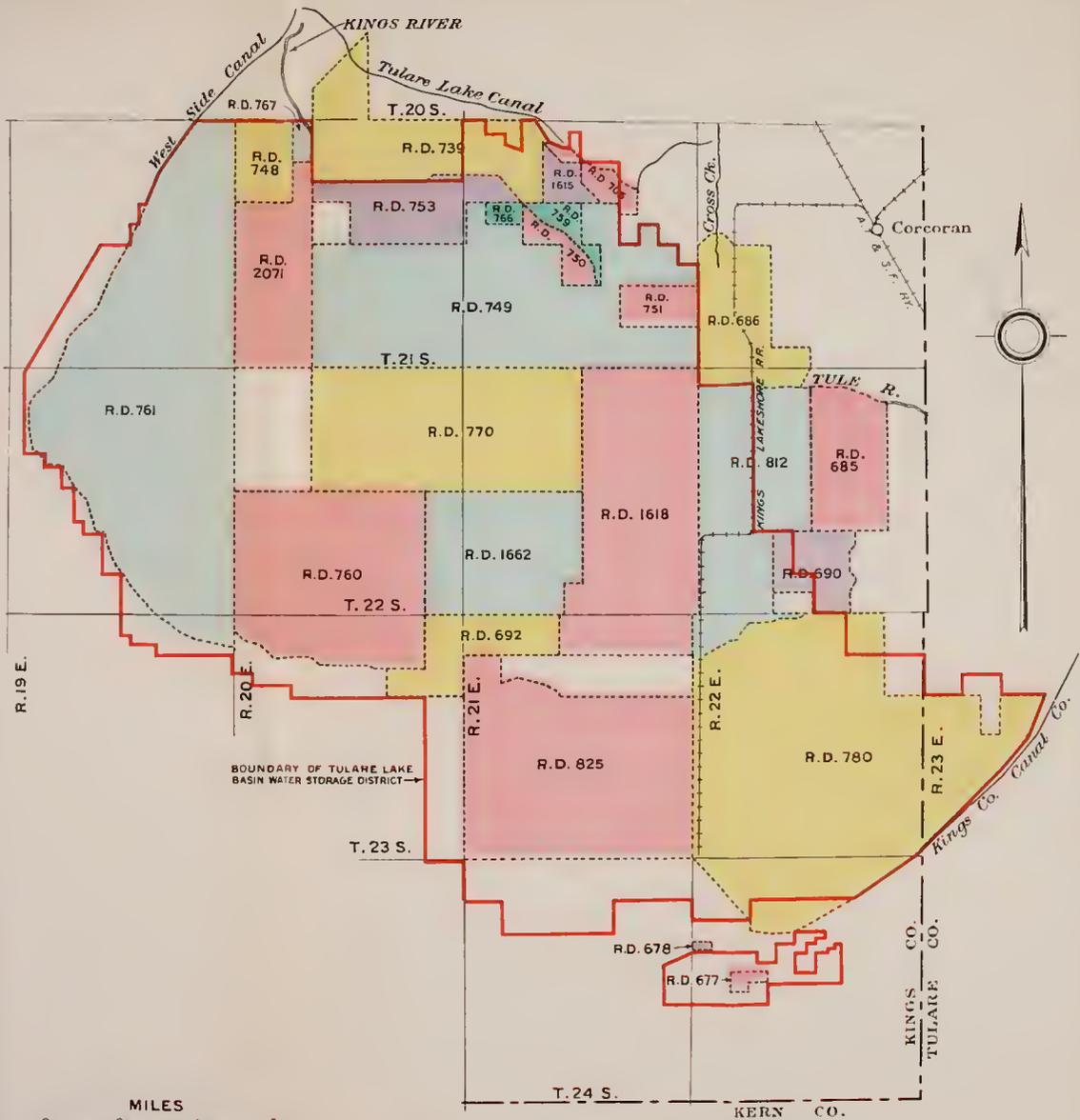
**Area:** Gross, 192,730 acres. Set aside for reservoir purposes, 11,520 acres. Net assessable, 181,210 acres.

**Project:** Tulare Lake Basin receives the surplus flow of the waters from South Fork of Kings, Kern, Tule and Kaweah rivers. The project provides for the acquisition and construction of a reservoir in the north half of township 22 south, range 20 east, M. D. B. and M., and the acquisition of flowage rights over additional lands to the south capable of storing a maximum of 200,000 acre-feet. Appropriate use of existing levees and channels, control of the diversion of Kings River waters at Crescent Weir, Heinlen Cut and other points by the acquisition and construction of head gates, the clearing and dredging of channels to facilitate flow of the waters south, are other major provisions. The District Engineer's estimate for the completed project totaled \$1,608,435.

**Financial:** Two preliminary assessments for organization expenses have been levied, upon which three calls have been made. Delinquencies are nominal. General Assessment No. 1, amounting to \$1,608,435, has been spread, upon which two calls have been made. First call was 18% and second call, 9%. As of January 2, 1931, delinquencies amounted to about 16%.



ing Reclamation Districts



**Overlaps:** Reclamation Districts Nos. 677, 686, 690, 692, 705, 739, 748, 749, 750, 751, 753, 759, 760, 761, 766, 767, 770, 780, 812, 825, 1615, 1618, 1662 and 2071. Irrigation Districts: Portions of Lakeland, Corcoran and Alpaugh.

**Remarks:** Contracts have been entered into for the purchase of 16 sections in the north half of townships 22 south, range 20 east, M. D. B. and M., for reservoir purposes. Crescent head gate has been constructed and eight miles of river channel have been cleared and leveed. Water filings have been made and negotiations are under way with the Kings River Water Users Association looking to agreement upon schedules and allocation of Kings River water.

Participation in Pine Flat storage, if and when constructed, is anticipated.

### BUENA VISTA WATER STORAGE DISTRICT

**Formation:** Organized under the California Water Storage District Act as approved June 3, 1921. Petition for formation presented to State Engineer August 9, 1922, and his approval was dated April 10, 1924. First organization election was carried March 22, 1928.

**Location:** Kern County, portions of townships 25 to 30 south, ranges 21 to 24 east, M. D. B. and M.

**Area:** Gross, 78,825 acres. Net assessable, 50,405 acres.

**Project:** This district was organized for the purpose of effecting flood control, drainage and irrigation for the lands lying northwest and southeast of Button-willow. The project provides for the acquisition or lease and use by the district of practically all the existing water rights and pertinent works, including Buena Vista Lake Reservoir, canals, laterals and diversion works formerly owned and used by the area. It further provides for the construction of a new main canal and diversion weir. The cost of acquisition and completion of development is estimated at \$945,000.

**Financial:** Bonds in amount \$942,731 have been authorized but not issued.

Liabilities and surplus of the district as contained in the report of the secretary as of December 31, 1930, follow:

**Liabilities:**

Vouchers, warrants, contractors' retained percentages, interest, etc. -----	\$855,921 00
Surplus -----	100,575 00
	<hr/>
Net liabilities-----	\$755,346 00

Same statement shows valuation of properties at----- \$854,047 00

**Overlaps:** Reclamation District No. 2055.

**Remarks:** The lands of the district are largely owned or controlled by the Miller and Lux interests which also own an 84% interest in Buena Vista Lake. Works have been financed by direct assessment upon the lands.

### WATER DISTRICTS

#### NILAND WATER DISTRICT

**Formation:** 1921 (Statutes of 1913).

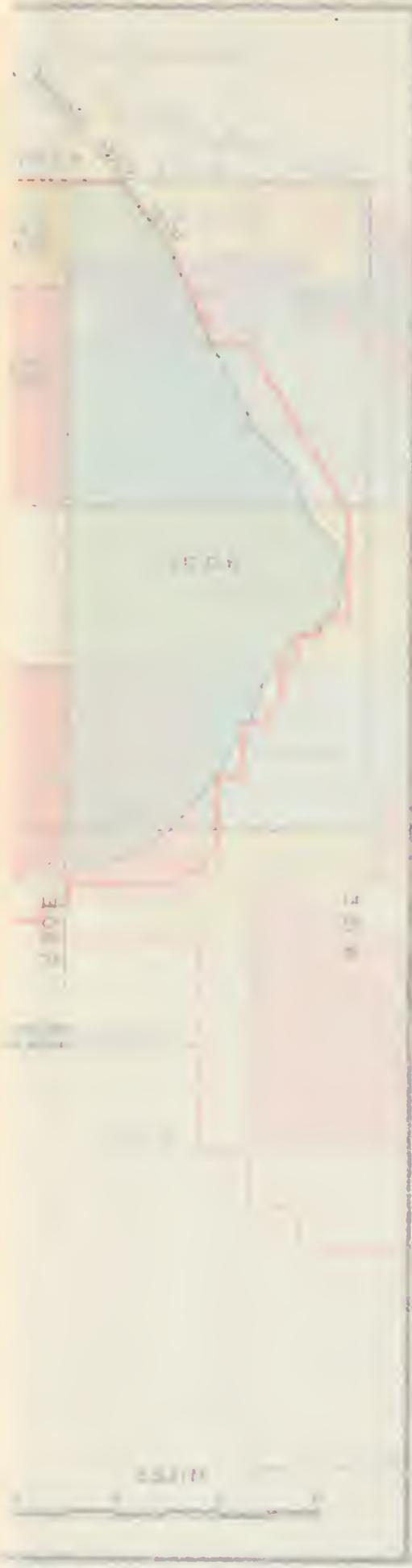
**Location:** Imperial County, townships 9 and 10 south, ranges 12, 13 and 14 east, S. B. B. and M.

**Area:** 16,234 acres.

**Overlaps:** Imperial Irrigation District.

**Financial:** In 1925 bonds to the amount of \$140,000 were authorized but not sold.

**Remarks:** Assessments are based upon district valuations. District will in all probability be dissolved and properties and assets will be taken over by Imperial Irrigation District.



Geological Chart

The accompanying chart shows the geological structure of the landmass depicted in the cross-section. The chart is a grid with various colored blocks representing different geological units. The colors used include light blue, light green, light yellow, light pink, and light purple. The blocks are arranged in a complex pattern, with some blocks being larger than others. The chart is oriented vertically, matching the orientation of the cross-section.

**Overlaps:** Reclamation Districts Nos. 677, 686, 690, 692, 705, 739, 748, 749, 750, 751, 753, 759, 760, 761, 766, 767, 770, 780, 812, 825, 1615, 1618, 1662 and 2071. Irrigation Districts: Portions of Lakeland, Corcoran and Alpaugh.

**Remarks:** Contracts have been entered into for the purchase of 16 sections in the north half of townships 22 south, range 20 east, M. D. B. and M., for reservoir purposes. Crescent head gate has been constructed and eight miles of river channel have been cleared and leveed. Water filings have been made and negotiations are under way with the Kings River Water Users Association looking to agreement upon schedules and allocation of Kings River water.

Participation in Pine Flat storage, if and when constructed, is anticipated.

### BUENA VISTA WATER STORAGE DISTRICT

**Formation:** Organized under the California Water Storage District Act as approved June 3, 1921. Petition for formation presented to State Engineer August 9, 1922, and his approval was dated April 10, 1924. First organization election was carried March 22, 1928.

**Location:** Kern County, portions of townships 25 to 30 south, ranges 21 to 24 east, M. D. B. and M.

**Area:** Gross, 78,825 acres. Net assessable, 50,405 acres.

**Project:** This district was organized for the purpose of effecting flood control, drainage and irrigation for the lands lying northwest and southeast of Buttonwillow. The project provides for the acquisition or lease and use by the district of practically all the existing water rights and pertinent works, including Buena Vista Lake Reservoir, canals, laterals and diversion works formerly owned and used by the area. It further provides for the construction of a new main canal and diversion weir. The cost of acquisition and completion of development is estimated at \$945,000.

**Financial:** Bonds in amount \$942,731 have been authorized but not issued.

Liabilities and surplus of the district as contained in the report of the secretary as of December 31, 1930, follow:

**Liabilities:**

Vouchers, warrants, contractors' retained percentages, interest, etc. -----	\$855,921 00
Surplus -----	100,575 00
	<hr/>
Net liabilities-----	\$755,346 00

Same statement shows valuation of properties at----- \$854,047 00

**Overlaps:** Reclamation District No. 2055.

**Remarks:** The lands of the district are largely owned or controlled by the Miller and Lux interests which also own an 84% interest in Buena Vista Lake. Works have been financed by direct assessment upon the lands.

### WATER DISTRICTS

#### NILAND WATER DISTRICT

**Formation:** 1921 (Statutes of 1913).

**Location:** Imperial County, townships 9 and 10 south, ranges 12, 13 and 14 east, S. B. B. and M.

**Area:** 16,234 acres.

**Overlaps:** Imperial Irrigation District.

**Financial:** In 1925 bonds to the amount of \$140,000 were authorized but not sold.

**Remarks:** Assessments are based upon district valuations. District will in all probability be dissolved and properties and assets will be taken over by Imperial Irrigation District.

## SPECIAL DISTRICTS

## AMERICAN RIVER FLOOD CONTROL DISTRICT

**Formation:** Organized under a special act of the Legislature and approved May 28, 1927. Amended by the Legislature in 1929 and approved May 27, 1929 (Ch. 498, Stats. 1929).

**Location:** Sacramento County. Portion of the Rancho del Paso in townships 8 and 9 north, ranges 4, 5 and 6 east, M. D. B. and M. The area is almost equally divided between that north and south of the American River and includes the cities of Sacramento and North Sacramento.

**Area:** Gross, 23,235 acres.

**Project:** The project proposes the abatement of flood menace throughout the lower reaches of the American River. Two plans were proposed by the district engineer for the accomplishment of American River flood control in the area involved. One plan proposed the construction of a 2400-foot channel flanked with levees of sufficient height to provide capacity for a maximum flood flow of 180,000 second feet. The alternative plan proposed the construction of a similar channel, 1000 feet in width, providing for a maximum regulated flow of 100,000 second feet. The feasibility of the latter plan, however, was dependent upon the availability of 175,000 acre feet of storage near Folsom during flood periods.

On June 4, 1931, the district trustees adopted a plan based upon a 2400-foot channel which was approved by the Reclamation Board on June 9, 1931.

The cost of the project, exclusive of the acquisition of flowage rights, is estimated at \$663,000.

**Financial:** The State has advanced \$62,500 for the use of the district, of which amount \$42,500 as of June 10, 1931, constitutes a lien against the lands of the district. The money so advanced must be returned to the State.

The district proposes an election in the near future to vote upon the matter of authorization of bonds.

**Overlaps:** Reclamation Districts Nos. 1 and 2077.

**Remarks:** Federal aid, in amount \$134,000, and State aid, in amount \$175,000, are anticipated.

Upon the flood control theory, the acquisition of flowage easements is proposed at State expense.

## LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

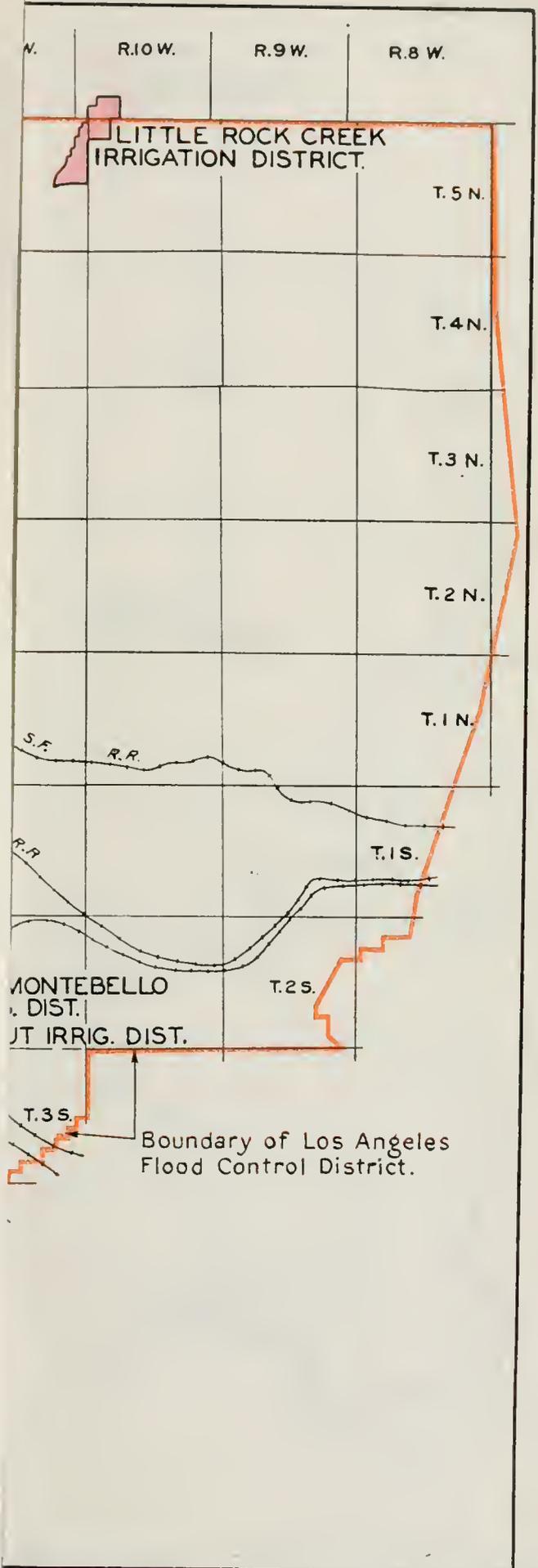
**Formation:** August 30, 1915, by special act of the Legislature. Amended September 20, 1915 (Stats. 1915).

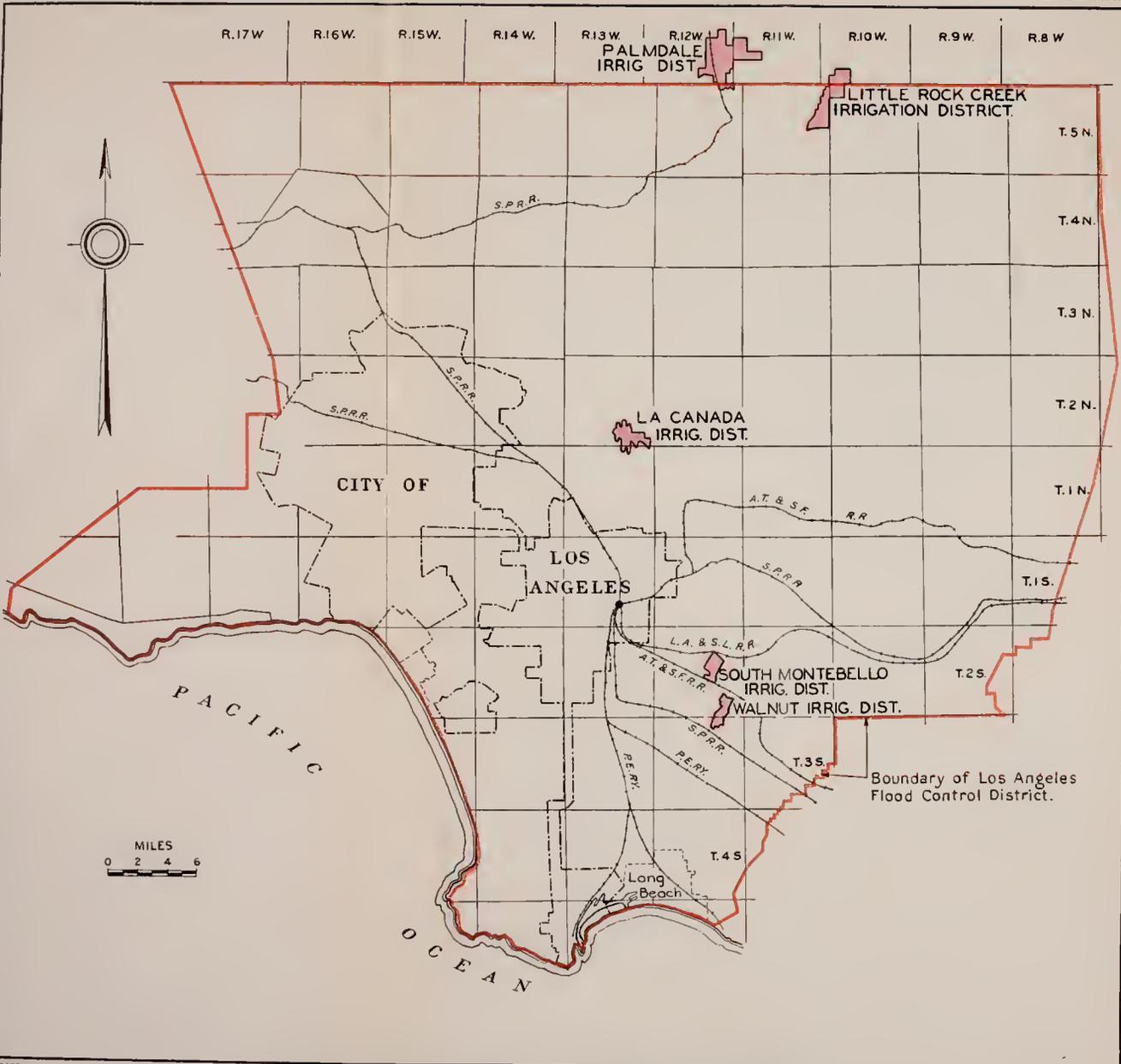
**Location:** All that portion of Los Angeles County south of the north line of township 5 north, S. B. B. and M., and not including Catalina Island.

**Area:** 2,330,000 acres (approximate).

**Project:** The act of creation defines the purpose of the district in the following words: "To provide for the control of the flood and storm waters (from the watersheds of San Gabriel and Los Angeles rivers and adjacent streams) . . . and to conserve such waters for beneficial and useful purposes by spreading, storing, retaining or causing to percolate into the soil . . . all or any of such waters and to protect from damage . . . the harbors, waterways, public highways and property in such district."

The preliminary work consisted of the construction of pile protection, realignment of existing and construction of new river and stream channels. Permanent flood control is proposed to be accomplished by the construction of dams and reservoirs in the watersheds.





Los Angeles County Flood Control District and Overlapping Irrigation Districts

**Financial: Bonds—**

Series No. 1 (voted January 2, 1917).

5% bonds—interest payable January 1 and July 1 each year. Due 1919–1958, \$111,250, July 1 each year.

Outstanding, January 2, 1931	\$3,115,000 00
Retired	1,335,000 00

Authorized	\$1,450,000 00
------------	----------------

Series No. 2 (voted May 6, 1924).

5% bonds—interest payable January 1 and July 1 each year. Due 1925–1961, \$882,500, July 1 each year.

Outstanding, January 2, 1931	\$10,001,000 00
Retired	5,295,000 00
Unissued	20,004,000 00

Authorized	\$35,300,000 00
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Outstanding, January 2, 1931:

Series No. 1	\$3,115,000 00
Series No. 2	10,001,000 00

Total	\$13,116,000 00
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As of this date, the district has \$965,214 in its sinking fund to apply on payment of future maturities.

**Overlaps:** Irrigation Districts: La Canada, South Montebello, Walnut and portions of Littlerock Creek and Palmdale.

**Remarks:** Actual construction was started in October, 1918, and up to February, 1924, consisted mainly of channel realignment and pile bank protection considered temporary in character. During this period State and federal aid to the extent of \$4,500,000 had been extended the district. The report of the district engineer dated April 1, 1924, recommended the control of streams by permanent storage dams in the upper reaches of the watersheds. This report proposed the construction of

8 major dams costing	\$7,195,000 00
the San Gabriel Dam costing	25,000,000 00
and retarding dams, spreading grounds, drainage works and incidentals costing	3,105,000 00

Totaling	\$35,300,000 00
----------	-----------------

Bond Issue No. 2 was predicated upon this estimate.

In 1916, and after work was actively in progress, controversy arose over the adequacy of the general plan and structural designs. The report of an investigating board of engineers resulted in the omission of some of the dams proposed and the redesign of others. Criticism, however, did not cease and objection to the overall conception of the project continued, with opposition mainly centered on the choice of site for the San Gabriel Dam.

Actual construction of San Gabriel Dam began in March, 1929, and on September 16th of the same year a serious slide occurred at the west abutment. Acting under authority of the California Dam Control Act, the State Engineer on November 26, 1929, denied permission for the construction of the structure as designed, and suggested an earth and rock fill dam of conservative design in lieu thereof.



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- Statements of County Treasurers and District Secretaries in response to questionnaires.

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\* Maps of all active California irrigation districts (1930) are contained in California Department of Public Works Bulletins Nos. 21 and 21A; therefore, maps of only such irrigation districts as overlap the boundaries of other statutory agricultural districts are contained herein.

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DEPARTMENT OF PUBLIC WORKS  
STATE OF CALIFORNIA

When the Department of Public Works was created in July, 1921, the State Water Commission was succeeded by the Division of Water Rights, and the Department of Engineering was succeeded by the Division of Engineering and Irrigation in all duties except those pertaining to State Architect. Both the Division of Water Rights and the Division of Engineering and Irrigation functioned until August, 1929, when they were consolidated to form the Division of Water Resources.

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- Bulletin No. 4—Water Resources of California, 1923.
- Bulletin No. 5—Flow in California Streams, 1923.
- Bulletin No. 6—Irrigation Requirements of California Lands, 1923.
- Bulletin No. 7—California Irrigation District Laws, 1923 (now obsolete).
- Bulletin No. 8—Cost of Water to Irrigators in California, 1925.
- Bulletin No. 9—Supplemental Report on Water Resources of California, 1925.
- Bulletin No. 10—California Irrigation District Laws, 1925 (now obsolete).
- Bulletin No. 11—Ground Water Resources of Southern San Joaquin Valley, 1927.
- Bulletin No. 12—Summary Report on the Water Resources of California and a Coordinated Plan for Their Development, 1927.
- Bulletin No. 13—The Development of the Upper Sacramento River, containing U. S. R. S. Cooperative Report on Iron Canyon Project, 1927.
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Water Commission Act with Latest Amendments Thereto, 1929.  
Rules and Regulations Governing the Appropriation of Water in California, 1930.  
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Accordance with the Water Commission Act, 1925.  
Tables of Discharge for Parshall Measuring Flumes, 1928.  
General Plans, Specifications and Bills of Material for Six and Nine Inch Parshall  
Measuring Flumes, 1930.

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